

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091117\
 Data File : BF098413.D
 Acq On : 11 Sep 2017 20:25
 Operator : SJ/JU
 Sample : PB102184BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102184BS

Manual Integrations
 APPROVED

Sohil
 9/12/2017 6:02:06 PM

Quant Time: Sep 12 02:17:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	210506	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	894802	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	409265	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	752210	20.00	ng	0.00
75) Chrysene-d12	13.82	240	528088	20.00	ng	0.00
86) Perylene-d12	15.22	264	460330	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1851293	130.03	ng	0.02
7) Phenol-d6	6.33	99	2287647	126.55	ng	0.00
23) Nitrobenzene-d5	7.24	82	1486435	92.61	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	399365	146.21	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	2313771	95.82	ng	0.00
78) Terphenyl-d14	12.77	244	2000710	81.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	295566	40.221	ng	89
3) Pyridine	3.09	79	819762	42.006	ng	# 85
4) n-Nitrosodimethylamine	3.06	42	427144	44.645	ng	89
6) Aniline	6.34	93	385704	17.008	ng	# 1
8) 2-Chlorophenol	6.46	128	664162	42.422	ng	92
9) Benzaldehyde	6.22	77	524581	44.392	ng	92
10) Phenol	6.34	94	850572	40.510	ng	92
11) bis(2-Chloroethyl)ether	6.42	93	695825	43.954	ng	96
12) 1,3-Dichlorobenzene	6.61	146	668235	42.406	ng	97
13) 1,4-Dichlorobenzene	6.69	146	673180	41.706	ng	96
14) 1,2-Dichlorobenzene	6.84	146	616361	41.914	ng	99
15) Benzyl Alcohol	6.82	79	539880	44.875	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1119202	42.968	ng	75
17) 2-Methylphenol	6.94	107	567811	44.477	ng	# 91
18) Hexachloroethane	7.17	117	271206	43.874	ng	# 83
19) n-Nitroso-di-n-propylamine	7.09	70	495926	43.614	ng	96
20) 3+4-Methylphenols	7.10	107	736901	45.740	ng	# 68
22) Acetophenone	7.09	105	960986	41.553	ng	# 96
24) Nitrobenzene	7.26	77	777104	42.506	ng	98
25) Isophorone	7.50	82	1399573	43.098	ng	99
26) 2-Nitrophenol	7.57	139	353370	47.871	ng	# 81
27) 2,4-Dimethylphenol	7.62	122	613718	43.614	ng	97
28) bis(2-Chloroethoxy)methane	7.71	93	879186	44.369	ng	99
29) 2,4-Dichlorophenol	7.82	162	533764	45.608	ng	96
30) 1,2,4-Trichlorobenzene	7.89	180	558988	43.909	ng	99
31) Naphthalene	7.97	128	1927644	43.577	ng	100
32) Benzoic acid	7.77	122	316174	35.903	ng	96
33) 4-Chloroaniline	8.03	127	209353	11.645	ng	96
34) Hexachlorobutadiene	8.09	225	281868	43.129	ng	97
35) Caprolactam	8.41	113	190573m	47.222	ng	
36) 4-Chloro-3-methylphenol	8.53	107	631219	43.491	ng	86
37) 2-Methylnaphthalene	8.66	142	1266065	47.251	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	503093	39.463	ng	97
40) Hexachlorocyclopentadiene	8.82	237	407368	105.539	ng	98

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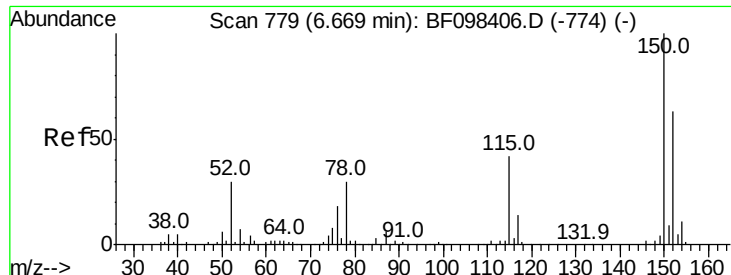
Manual Integrations
 APPROVED

Sohil
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	328488	43.868	ng	94
43) 2,4,5-Trichlorophenol	9.00	196	348453	44.521	ng	94
45) 1,1'-Biphenyl	9.13	154	1483588	40.500	ng	96
46) 2-Chloronaphthalene	9.15	162	1121885	42.883	ng	# 91
47) 2-Nitroaniline	9.26	65	457526	45.565	ng	91
48) Acenaphthylene	9.57	152	1659047	42.651	ng	100
49) Dimethylphthalate	9.44	163	1356993	42.834	ng	99
50) 2,6-Dinitrotoluene	9.50	165	293325	45.075	ng	# 71
51) Acenaphthene	9.74	154	1051174	42.513	ng	98
52) 3-Nitroaniline	9.67	138	113597	14.461	ng	98
53) 2,4-Dinitrophenol	9.79	184	260615	84.219	ng	# 76
54) Dibenzofuran	9.91	168	1459768	44.813	ng	98
55) 4-Nitrophenol	9.86	139	383912	85.065	ng	# 46
56) 2,4-Dinitrotoluene	9.91	165	354957	44.866	ng	# 50
57) Fluorene	10.25	166	1134894	42.093	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	266120	50.593	ng	98
59) Diethylphthalate	10.13	149	1302859	43.243	ng	99
60) 4-Chlorophenyl-phenylether	10.25	204	531820	42.705	ng	89
61) 4-Nitroaniline	10.29	138	318263	40.118	ng	78
62) Azobenzene	10.40	77	1459827	44.956	ng	95
64) 4,6-Dinitro-2-methylphenol	10.32	198	194634	42.787	ng	83
65) n-Nitrosodiphenylamine	10.37	169	1057212	43.285	ng	98
66) 4-Bromophenyl-phenylether	10.73	248	318255	44.579	ng	98
67) Hexachlorobenzene	10.80	284	303228	41.874	ng	# 81
68) Atrazine	10.90	200	351903	46.800	ng	96
69) Pentachlorophenol	11.00	266	270688	84.058	ng	97
70) Phenanthrene	11.21	178	1760307	44.144	ng	100
71) Anthracene	11.26	178	1814333	44.315	ng	100
72) Carbazole	11.42	167	1618646	42.422	ng	99
73) Di-n-butylphthalate	11.75	149	1974167	43.183	ng	99
74) Fluoranthene	12.39	202	1778396	44.549	ng	98
76) Benzidine	12.52	184	510598	21.847	ng	95
77) Pyrene	12.62	202	1828835	43.900	ng	99
79) Butylbenzylphthalate	13.24	149	847162	46.875	ng	# 77
80) Benzo(a)anthracene	13.81	228	1353239	43.708	ng	100
81) 3,3'-Dichlorobenzidine	13.77	252	194071	16.129	ng	97
82) Chrysene	13.84	228	1365200	43.622	ng	100
83) Bis(2-ethylhexyl)phthalate	13.80	149	991441	43.711	ng	99
84) Di-n-octyl phthalate	14.41	149	1810264	46.518	ng	97
85) Indeno(1,2,3-cd)pyrene	16.56	276	963545	43.883	ng	98
87) Benzo(b)fluoranthene	14.83	252	1314539	45.416	ng	99
88) Benzo(k)fluoranthene	14.85	252	1128858	41.777	ng	97
89) Benzo(a)pyrene	15.16	252	1159914	44.982	ng	99
90) Dibenzo(a,h)anthracene	16.57	278	804827	42.906	ng	97
91) Benzo(g,h,i)perylene	16.96	276	793278	42.046	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF098413.D

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Instrument :

BNA_F

ClientSampleId :

PB102184BS

Tot Ion:152 Resp: 210506

Ion Ratio Lower Upper

152 100

150 153.2 126.2 189.2

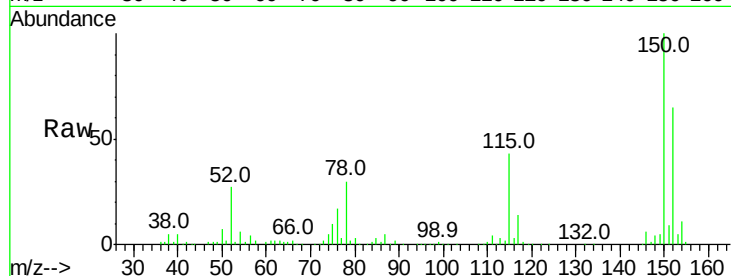
115 65.6 52.2 78.2

Manual Integrations

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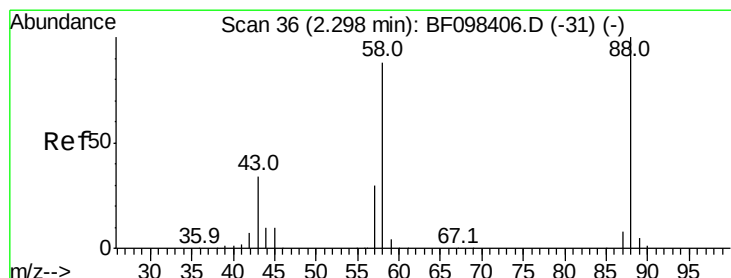
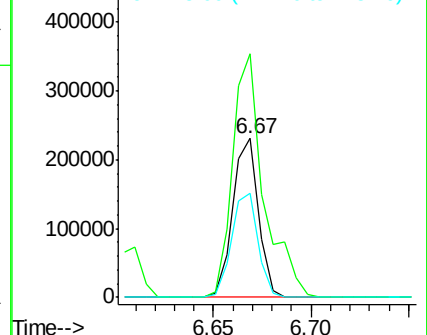
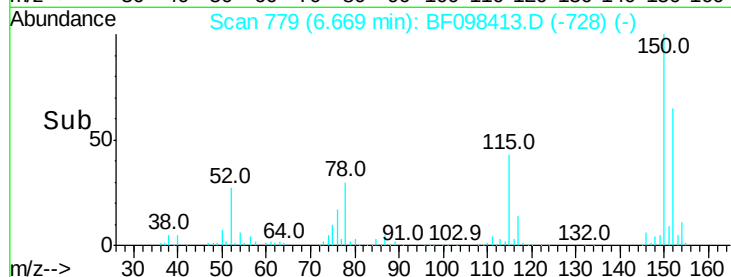
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.221 ng

RT: 2.42 min Scan# 56

Delta R.T. 0.12 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

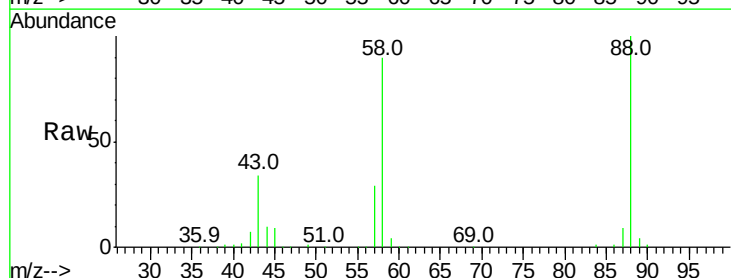
Tgt Ion: 88 Resp: 295566

Ion Ratio Lower Upper

88 100

58 87.4 61.4 92.0

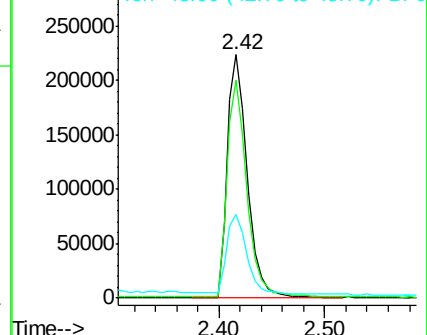
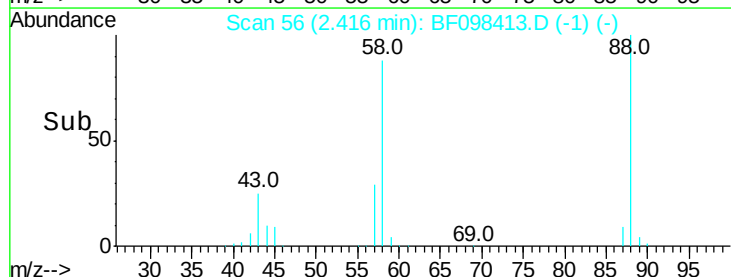
43 32.5 23.4 35.0

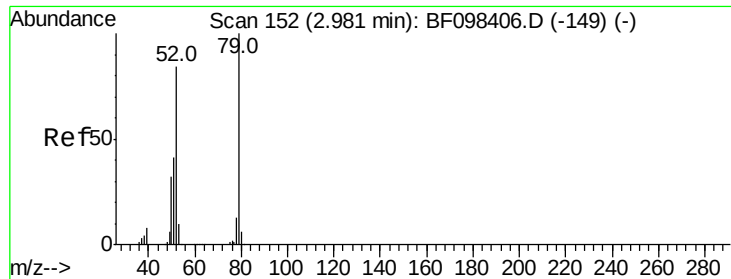


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.006 ng

RT: 3.09 min Scan# 171

Delta R.T. 0.11 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

Tot Ion: 79 Resp: 819762

Ion Ratio Lower Upper

79 100

52 81.2 54.8 82.2

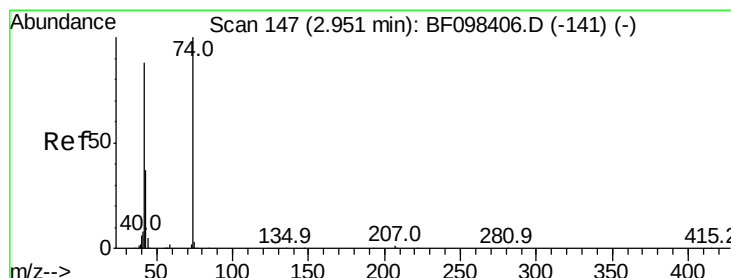
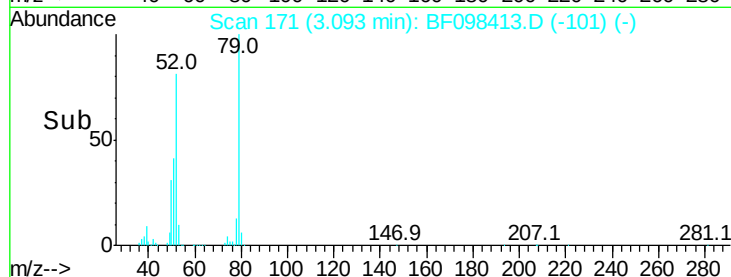
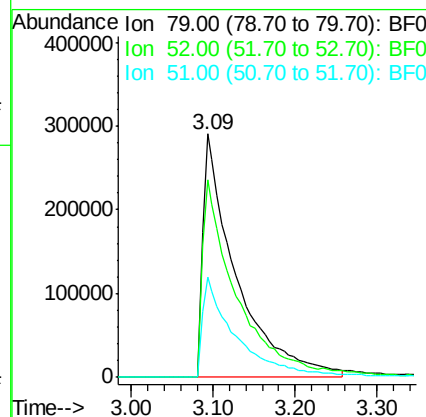
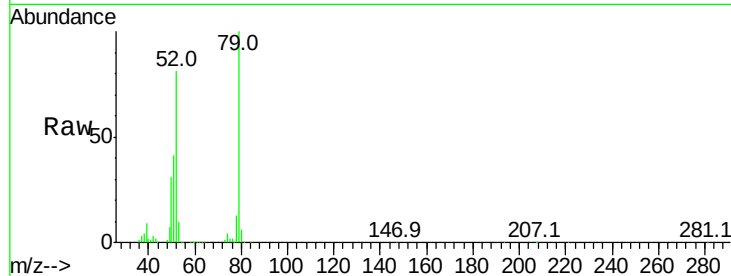
51 41.0 27.0 40.4#

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 44.645 ng

RT: 3.06 min Scan# 166

Delta R.T. 0.11 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

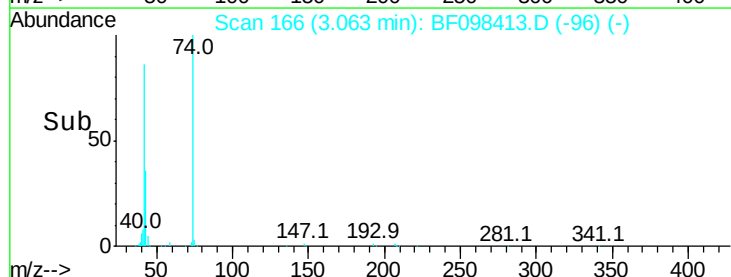
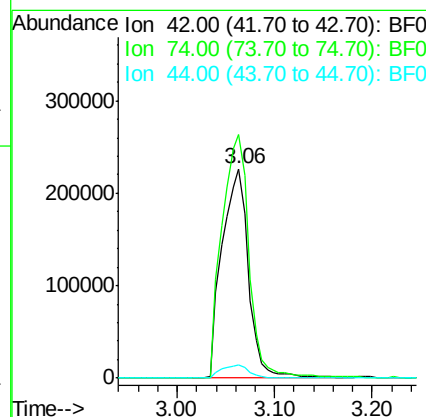
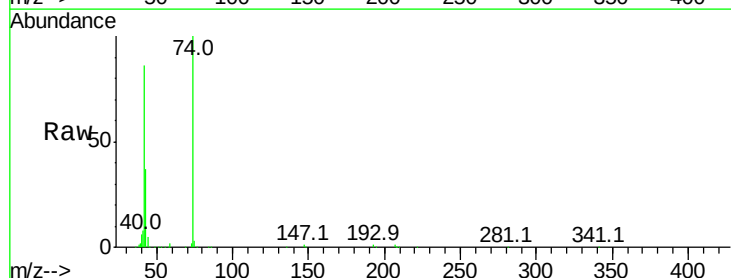
Tgt Ion: 42 Resp: 427144

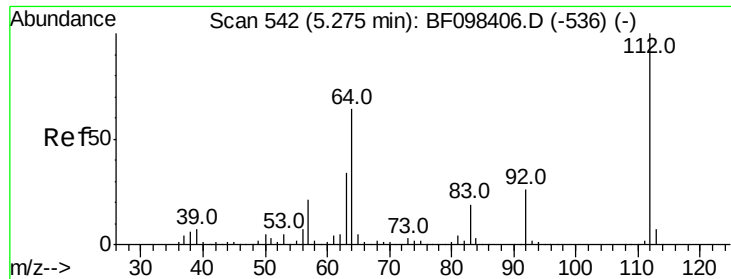
Ion Ratio Lower Upper

42 100

74 116.2 103.9 155.9

44 6.4 5.7 8.5





#5

2-Fluorophenol

Concen: 130.029 ng

RT: 5.29 min Scan# 545

Delta R.T. 0.02 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

Tot Ion:112 Resp: 1851293

Ion Ratio Lower Upper

112 100

64 66.2 46.0 69.0

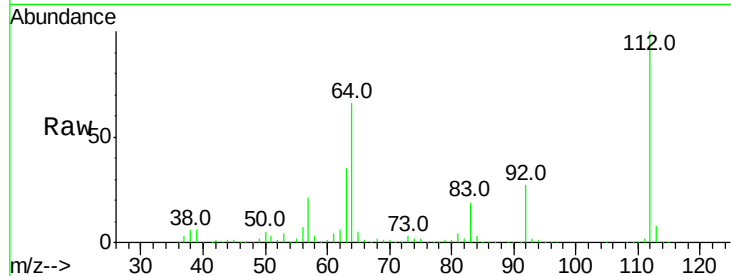
63 34.5 23.4 35.0

Manual Integrations

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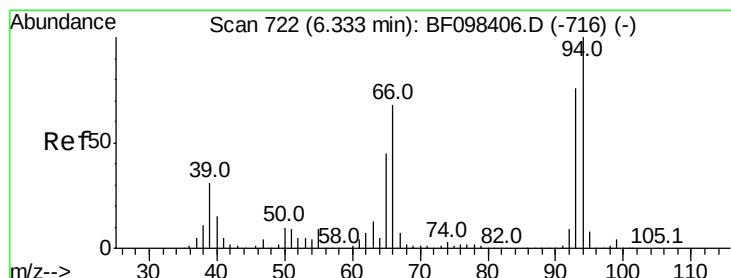
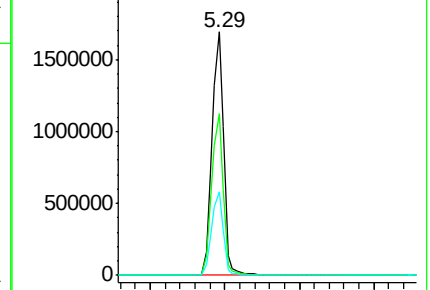
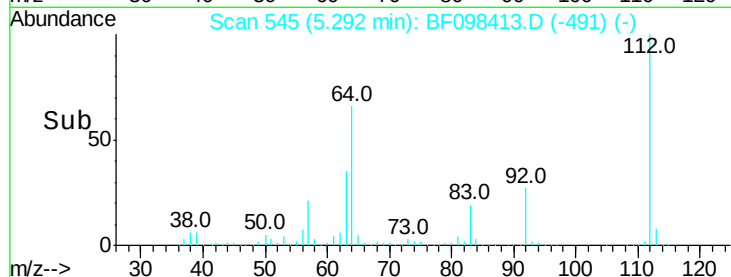
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.008 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

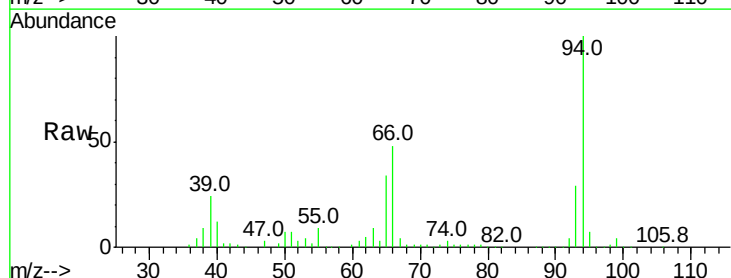
Tgt Ion: 93 Resp: 385704

Ion Ratio Lower Upper

93 100

66 163.4 32.9 49.3#

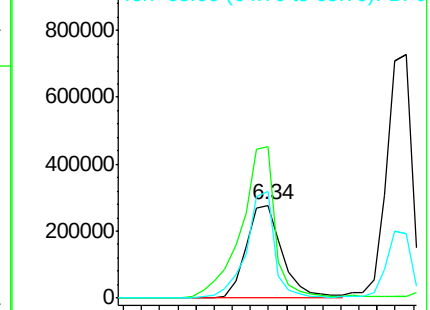
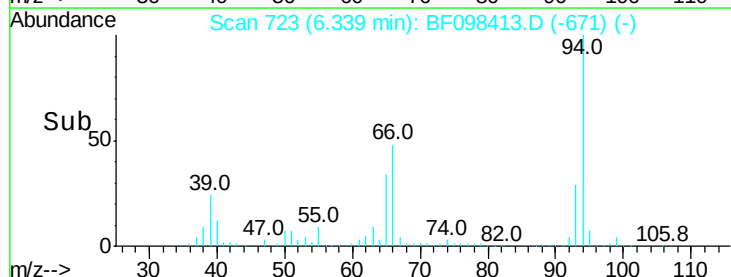
65 115.0 16.0 24.0#

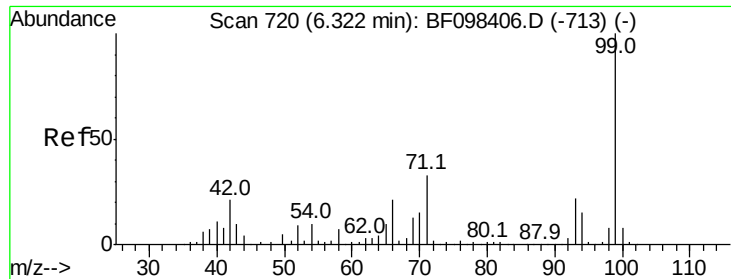


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.551 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

Tot Ion: 99 Resp: 2287647

Ion Ratio Lower Upper

99 100

42 19.3 13.5 20.3

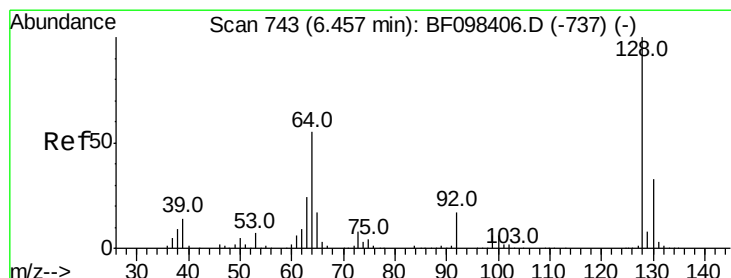
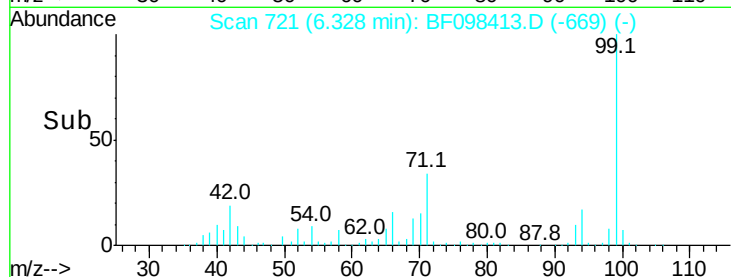
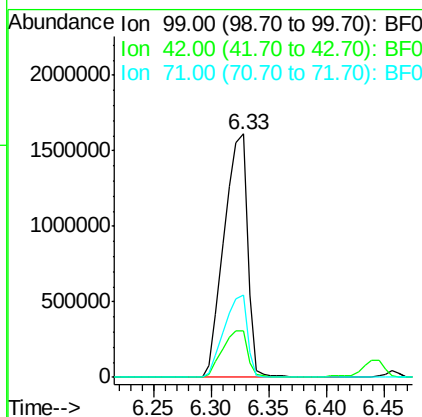
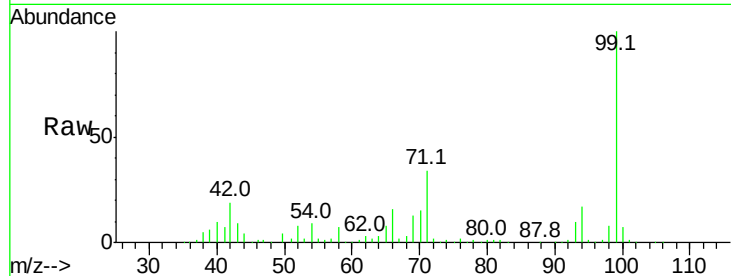
71 33.8 24.5 36.7

Manual Integrations

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#8

2-Chlorophenol

Concen: 42.422 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

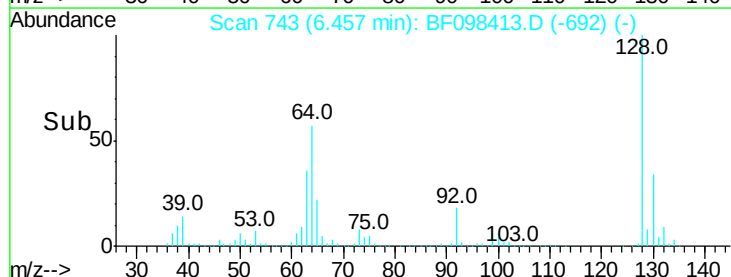
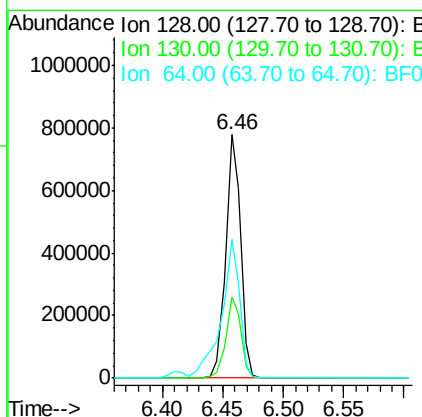
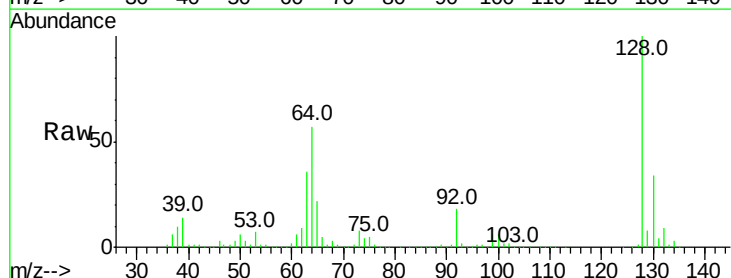
Tgt Ion: 128 Resp: 664162

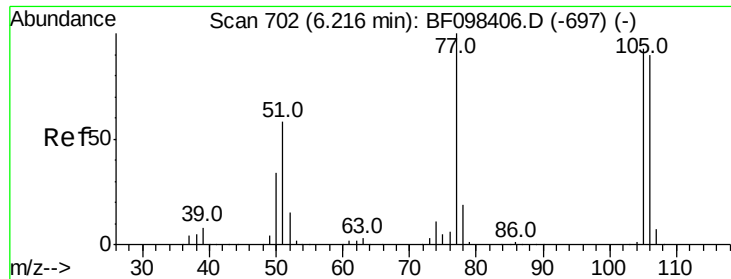
Ion Ratio Lower Upper

128 100

130 33.5 12.9 52.9

64 56.8 28.4 68.4





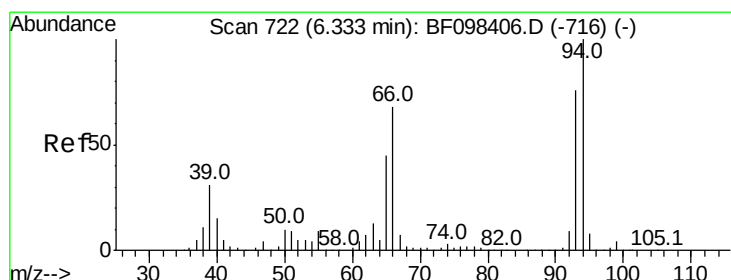
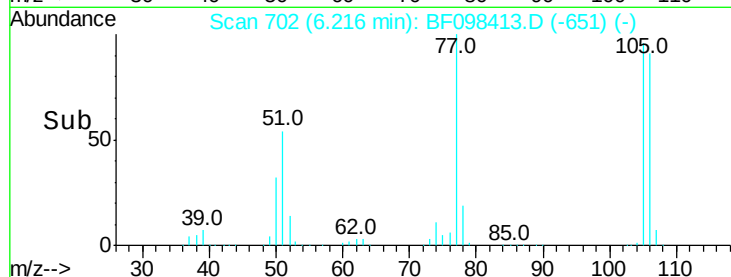
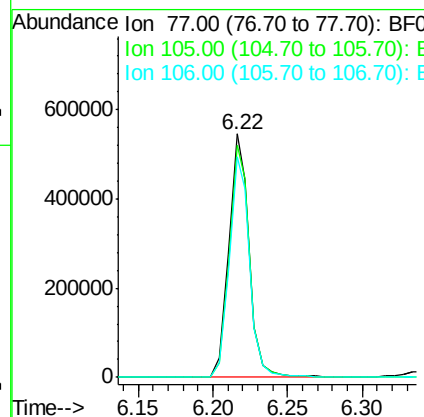
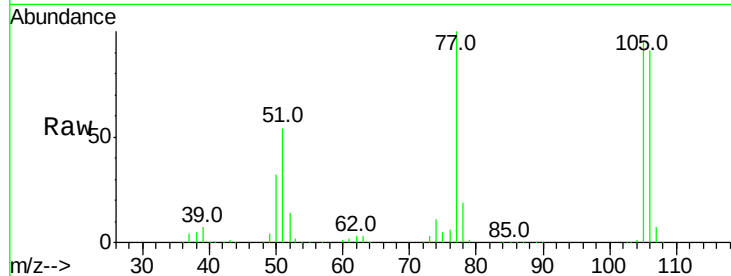
#9
Benzaldehyde
Concen: 44.392 ng
RT: 6.22 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Instrument :
BNA_F
ClientSampleId :
PB102184BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.6	83.8	123.8
106	90.6	79.1	119.1

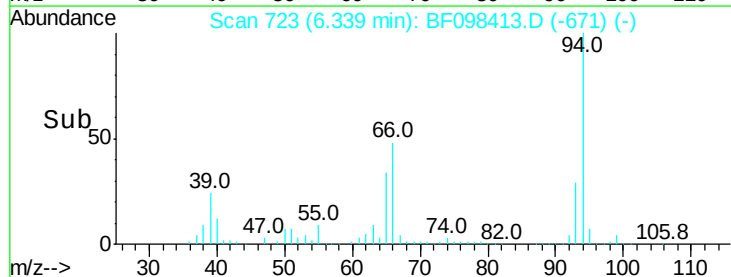
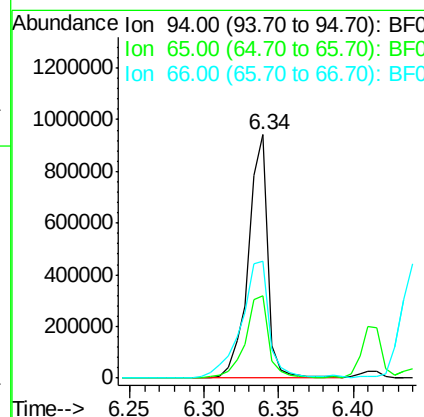
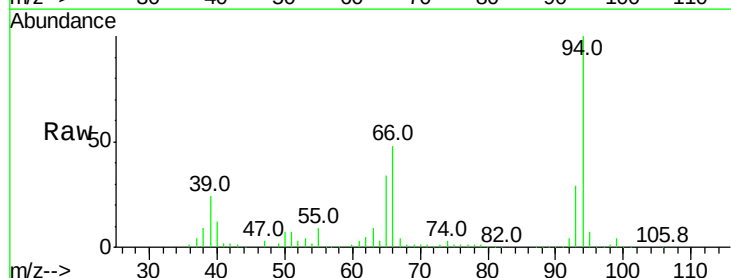
Manual Integrations
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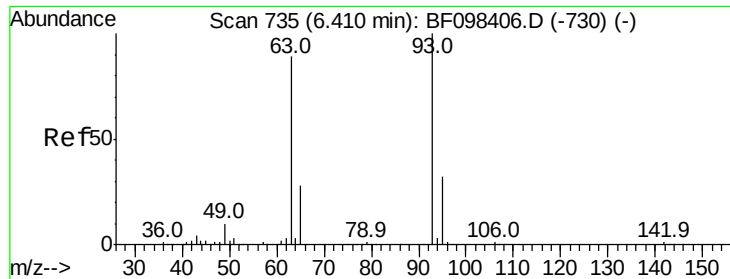
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#10
Phenol
Concen: 40.510 ng
RT: 6.34 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.8	9.9	49.9
66	48.0	23.1	63.1





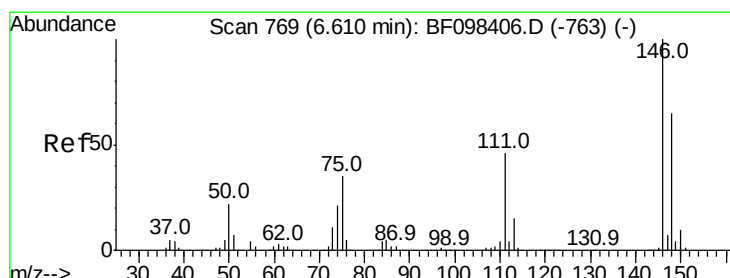
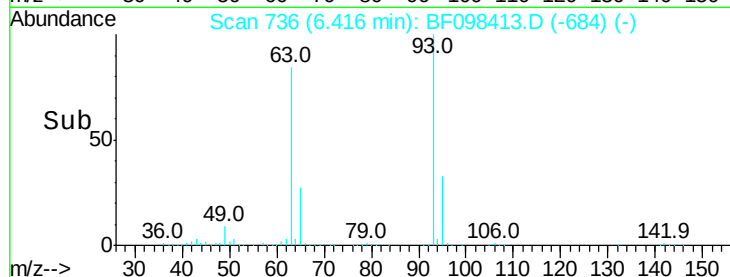
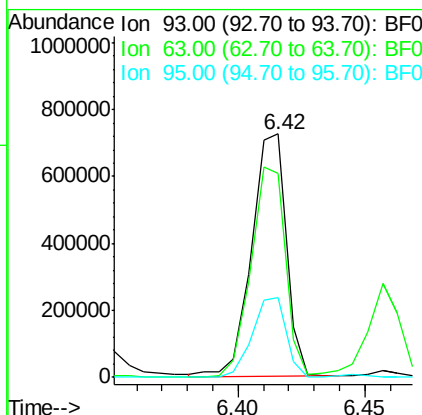
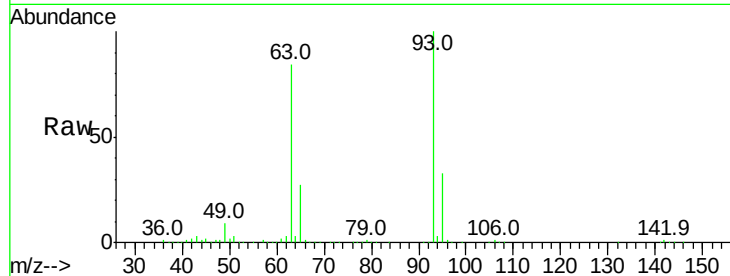
#11
bis(2-Chloroethyl)ether
Concen: 43.954 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Instrument :
BNA_F
ClientSampleId :
PB102184BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	695825		
63	83.6	59.2	99.2	
95	32.8	12.8	52.8	

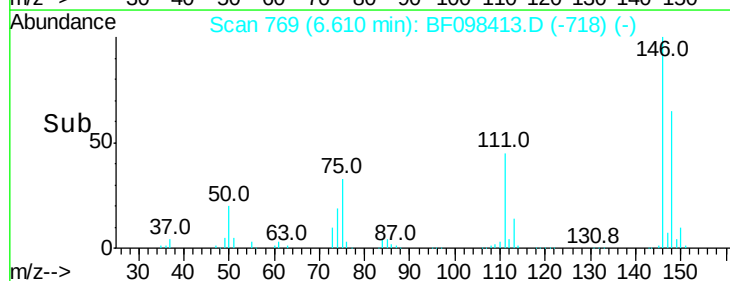
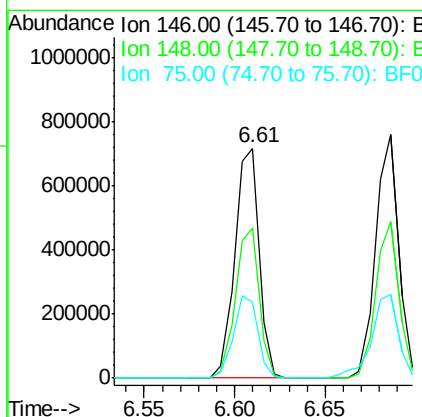
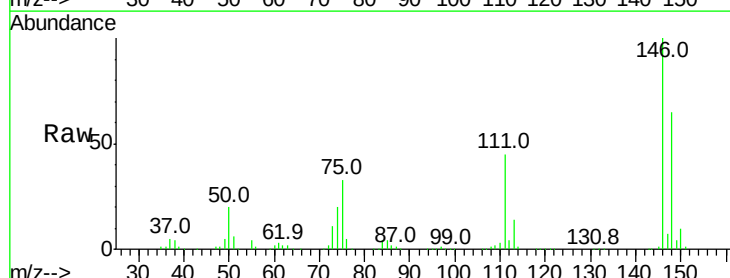
Manual Integrations
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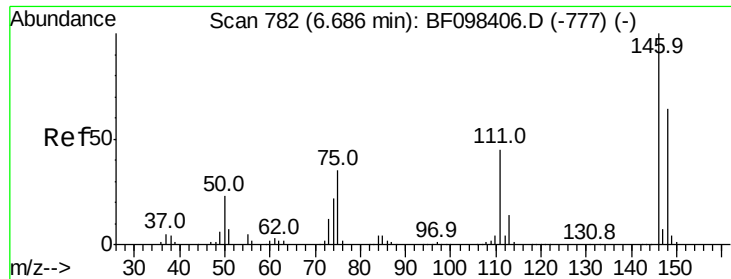
Sohil
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#12
1,3-Dichlorobenzene
Concen: 42.406 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	668235		
148	65.4	51.8	77.6	
75	32.9	23.1	34.7	





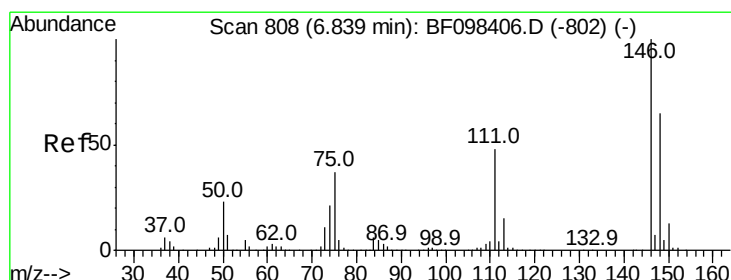
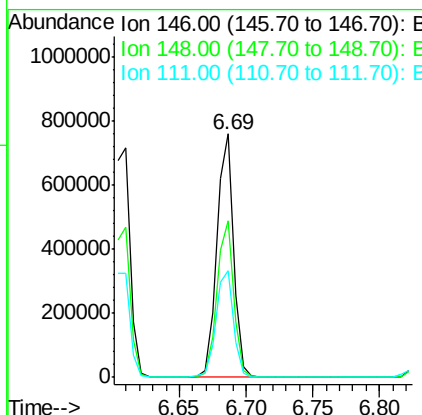
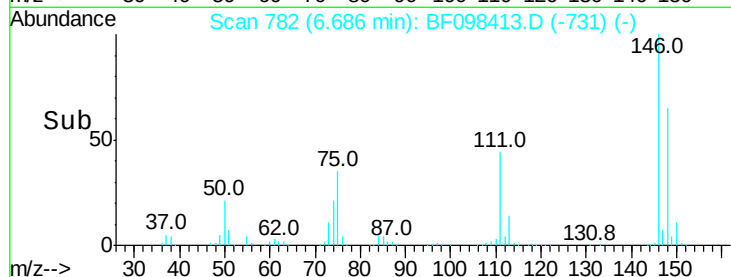
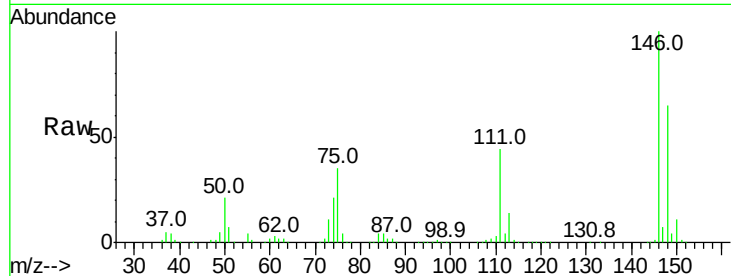
#13
 1,4-Dichlorobenzene
 Concen: 41.706 ng
 RT: 6.69 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Instrument :
 BNA_F
 ClientSampled :
 PB102184BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
111	43.8	30.3	45.5

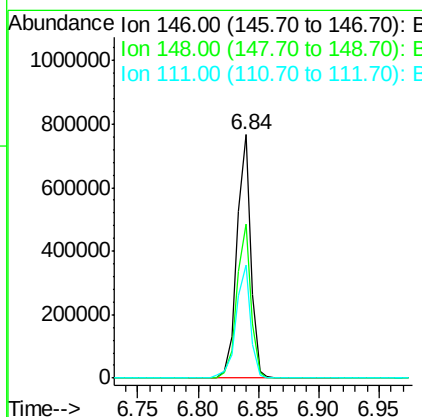
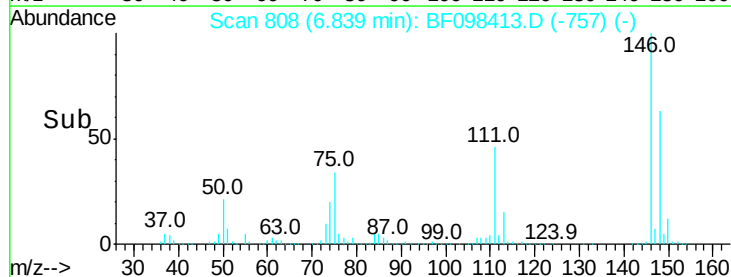
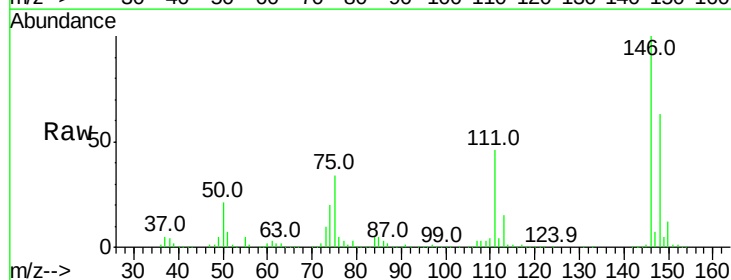
Manual Integrations
 APPROVED

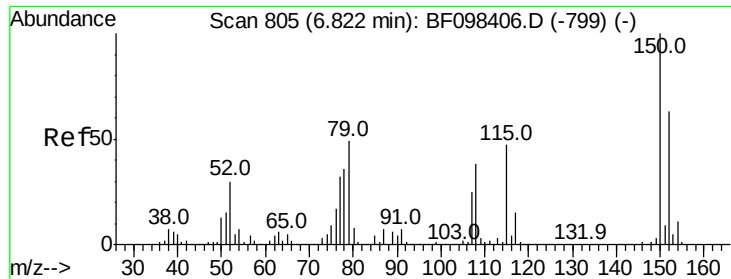
Sohil
 9/12/2017 6:02:06 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.914 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.4	75.6
111	46.2	38.2	57.4





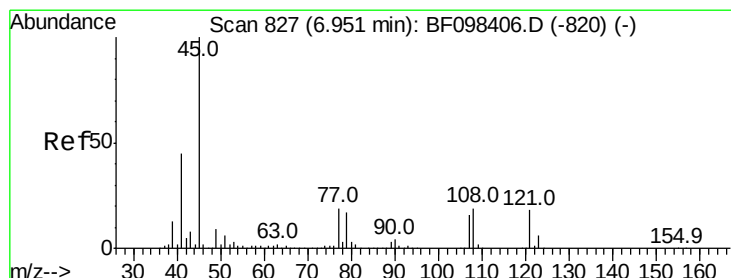
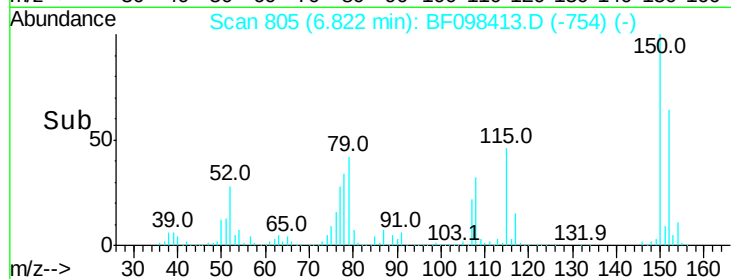
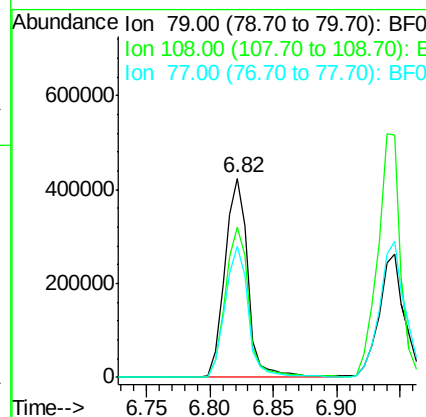
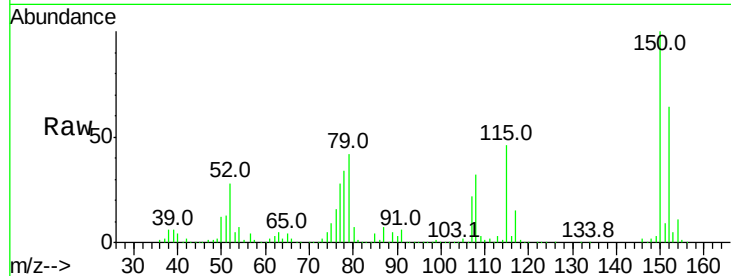
#15
Benzyl Alcohol
Concen: 44.875 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Instrument :
BNA_F
ClientSampleId :
PB102184BS

Tot Ion:	79	Resp:	539880
Ion Ratio	Lower	Upper	
79	100		
108	75.6	63.4	95.0
77	65.5	49.2	73.8

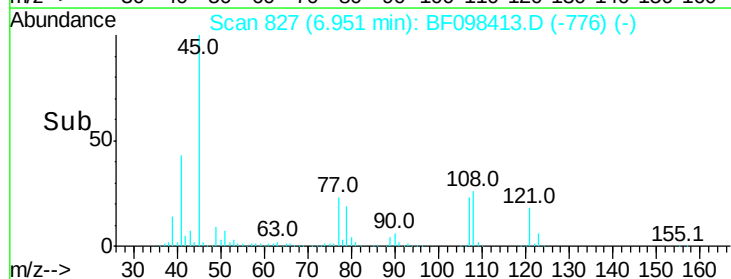
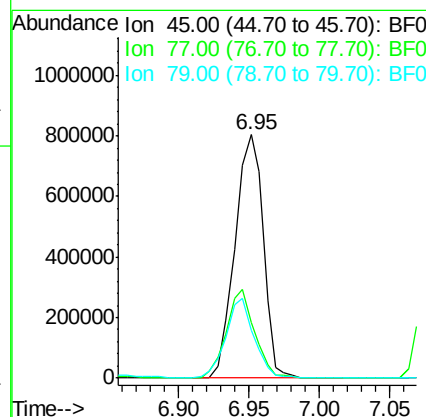
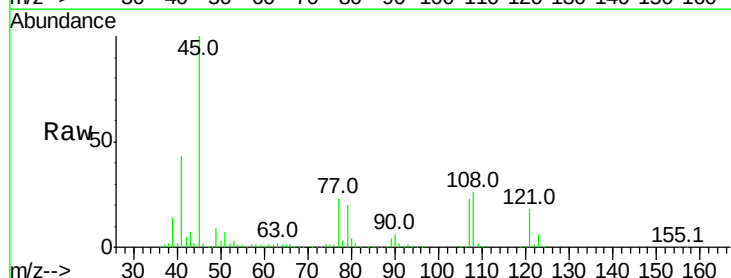
Manual Integrations
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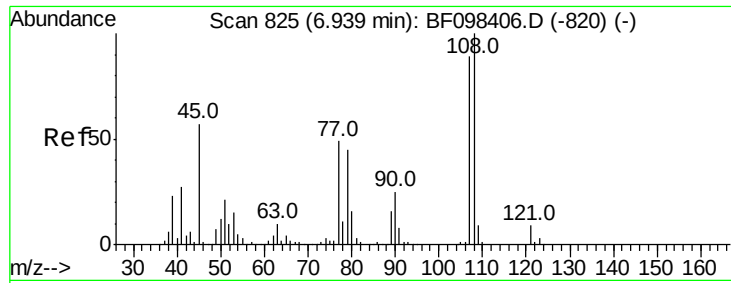
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.968 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion:	45	Resp:	1119202
Ion Ratio	Lower	Upper	
45	100		
77	22.8	0.0	33.2
79	19.6	0.0	30.0





#17

2-Methylphenol

Concen: 44.477 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampled :

PB102184BS

Tot Ion:107 Resp: 567811
Ion Ratio Lower Upper

107 100

108 114.0 93.4 140.0

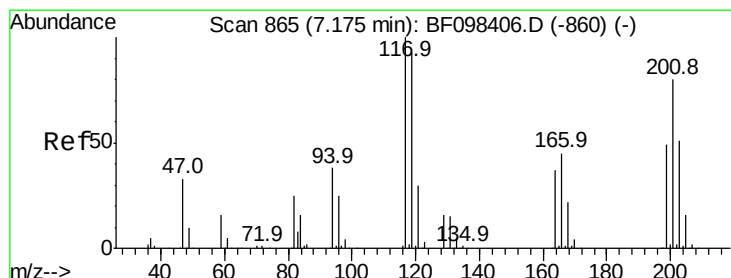
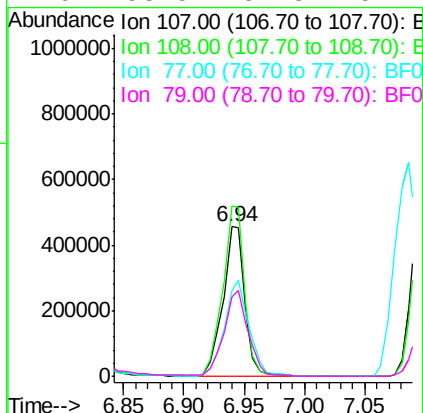
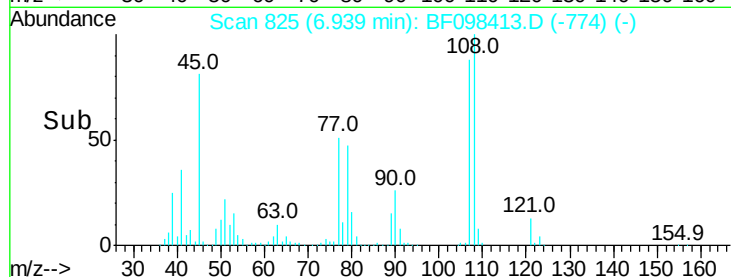
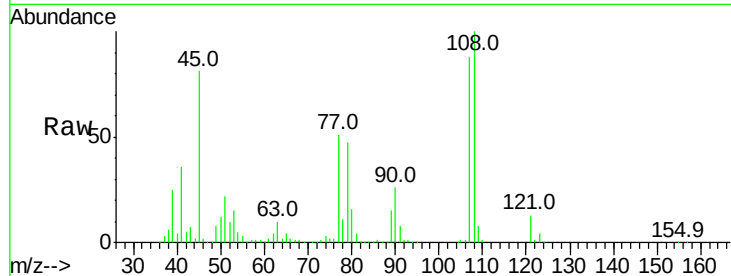
77 57.7 35.8 53.6#

79 53.5 34.8 52.2#

Manual Integrations
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#18

Hexachloroethane

Concen: 43.874 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF098413.D

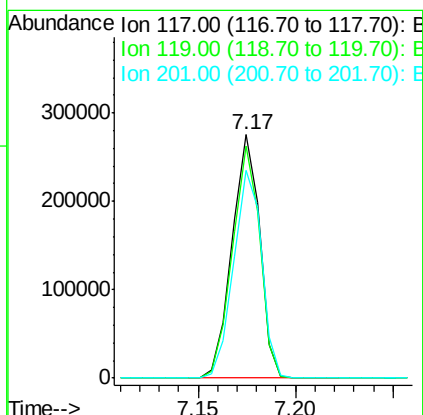
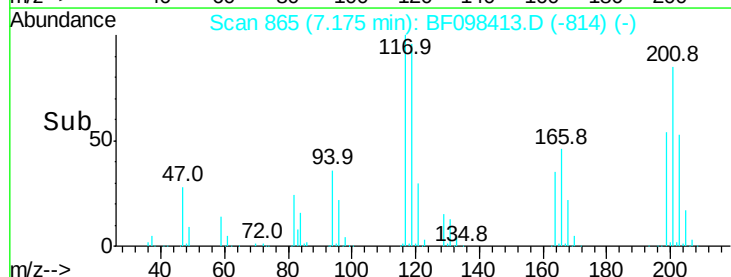
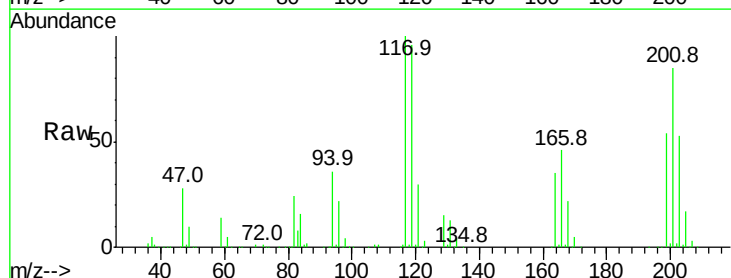
Acq: 11 Sep 2017 20:25

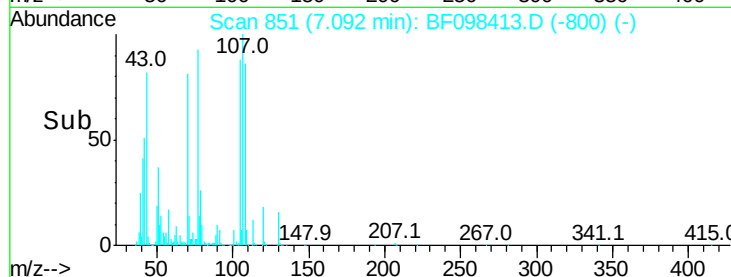
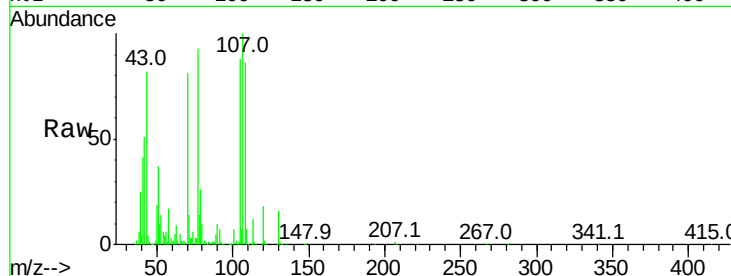
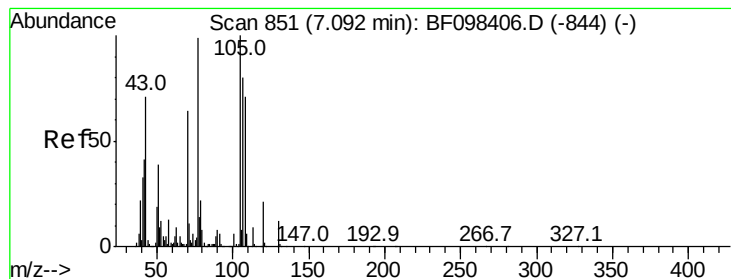
Tgt Ion:117 Resp: 271206
Ion Ratio Lower Upper

117 100

119 95.6 77.4 116.0

201 85.1 94.6 141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 43.614 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

Tot Ion: 70 Resp: 495926

Ion Ratio Lower Upper

70 100

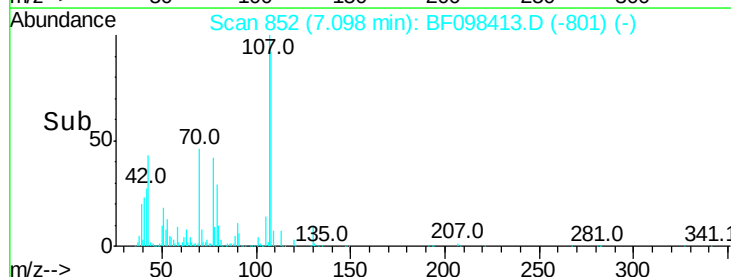
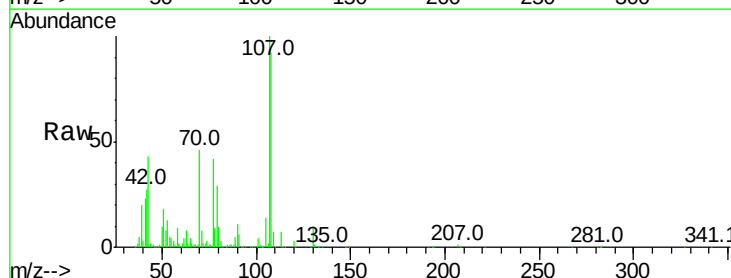
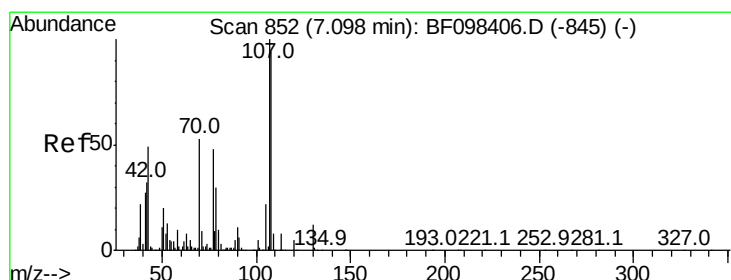
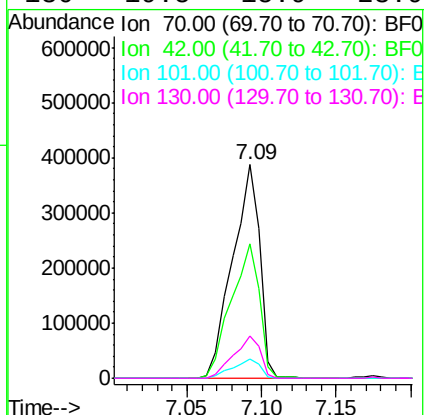
42 62.8 47.2 70.8

101 9.1 7.2 10.8

130 19.5 15.9 23.9

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#20

3+4-Methylphenols

Concen: 45.740 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Tgt Ion: 107 Resp: 736901

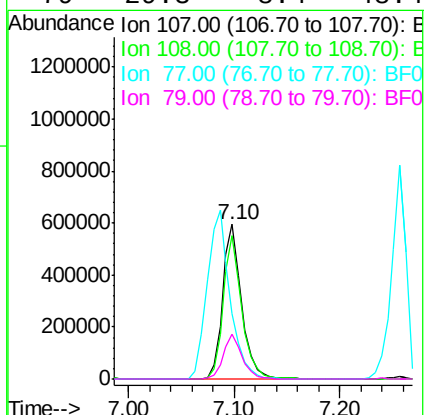
Ion Ratio Lower Upper

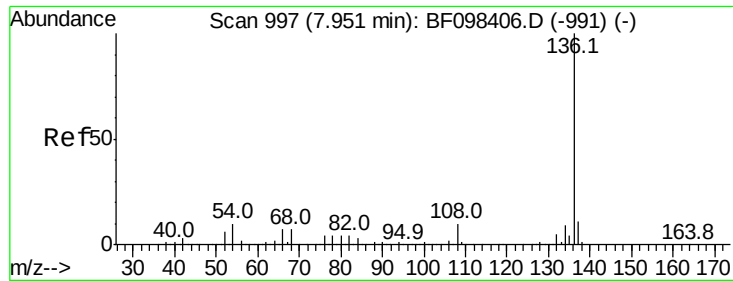
107 100

108 92.4 71.0 111.0

77 42.0 90.5 130.5#

79 29.3 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

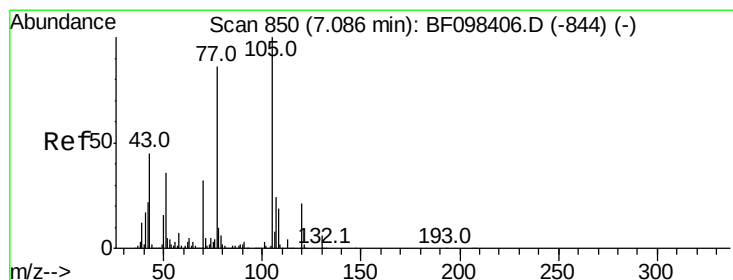
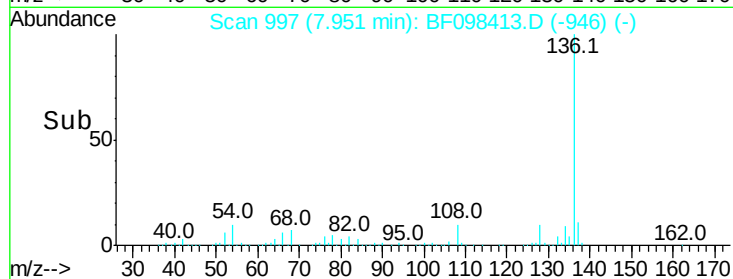
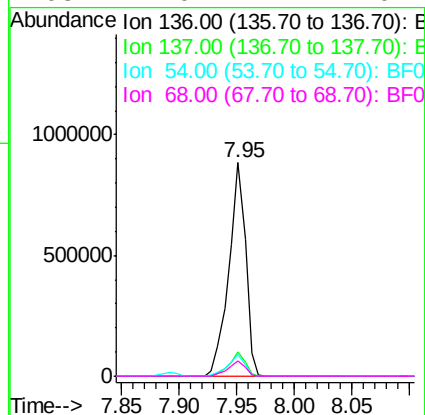
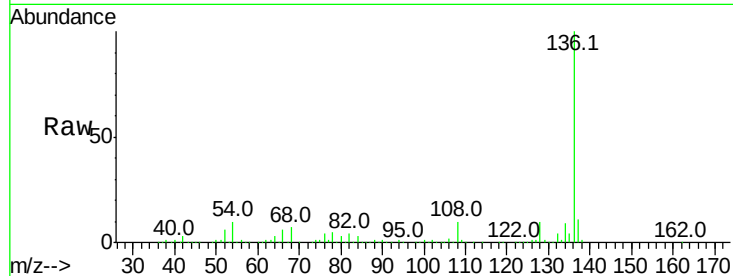
ClientSampleId :

PB102184BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.0	4.9	7.3#
68	7.0	4.1	6.1#

Manual Integrations
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#22

Acetophenone

Concen: 41.553 ng

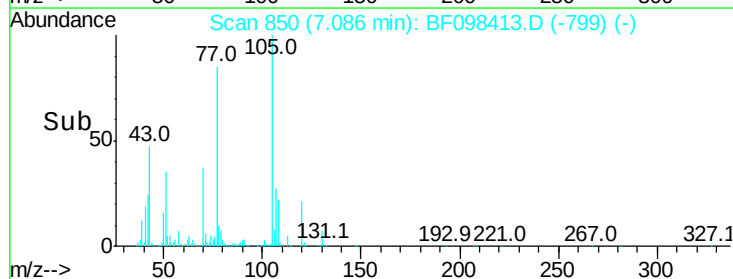
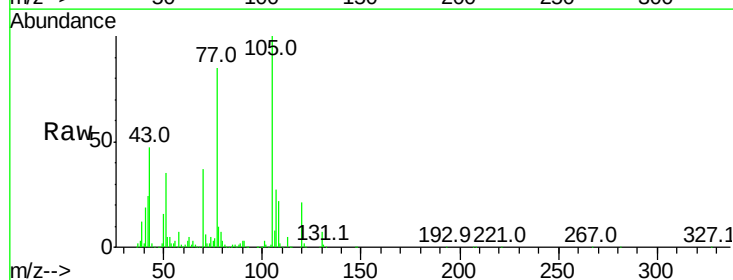
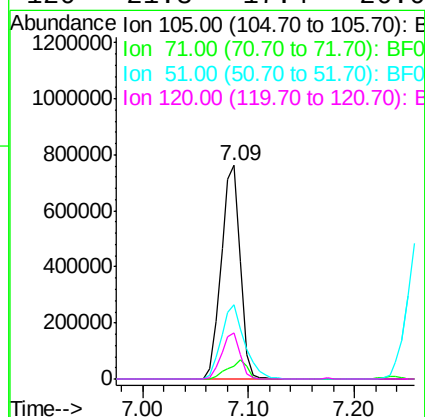
RT: 7.09 min Scan# 850

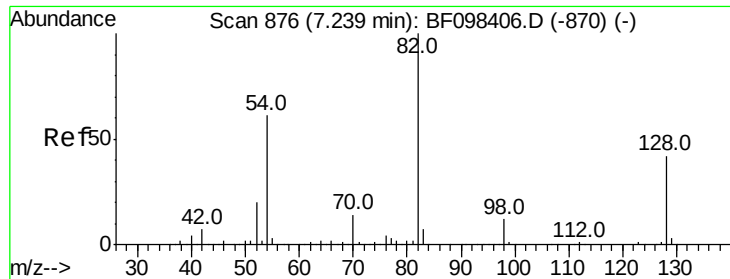
Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.2	2.8	4.2#
51	34.7	30.7	46.1
120	21.3	17.4	26.0





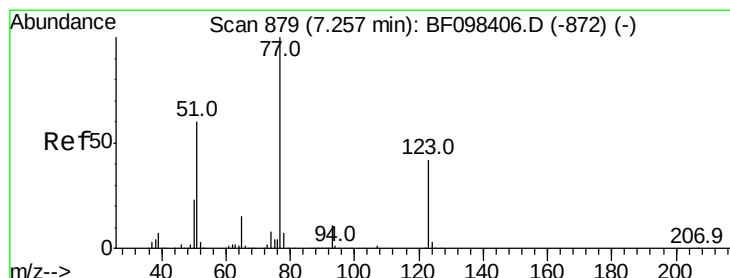
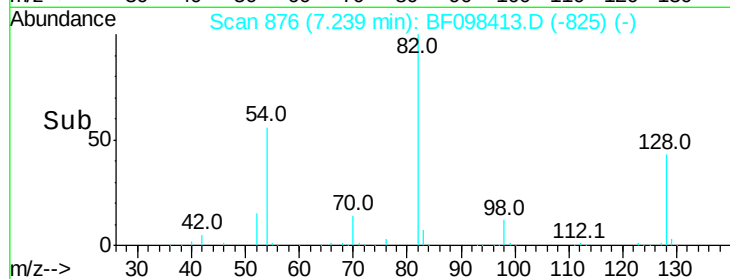
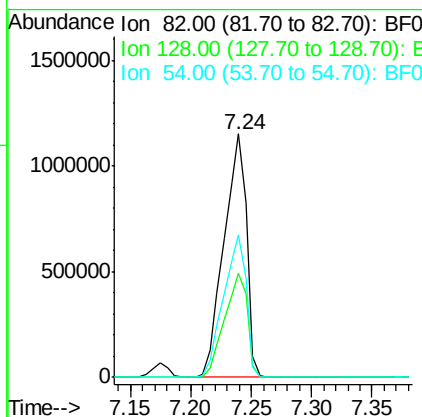
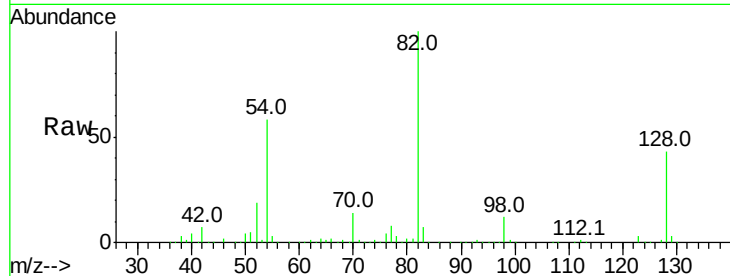
#23
Nitrobenzene-d5
Concen: 92.611 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Instrument :
BNA_F
ClientSampleId :
PB102184BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.0	51.0
54	58.3	42.2	63.2

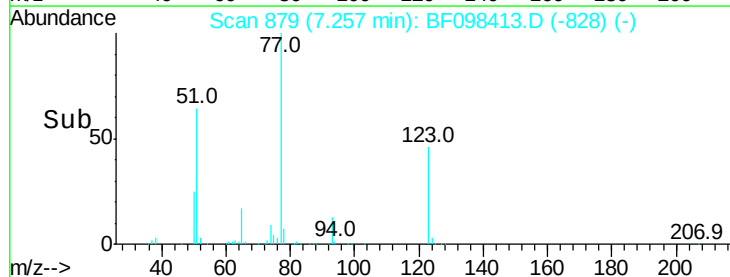
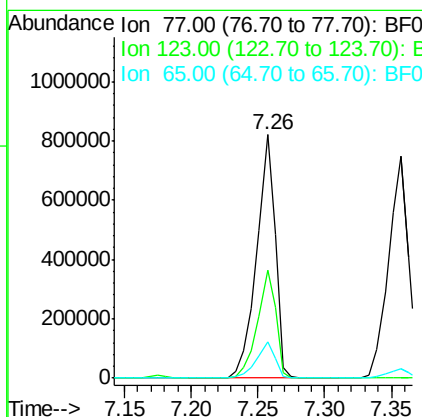
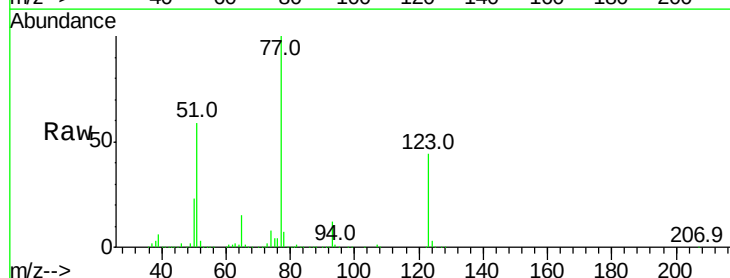
Manual Integrations
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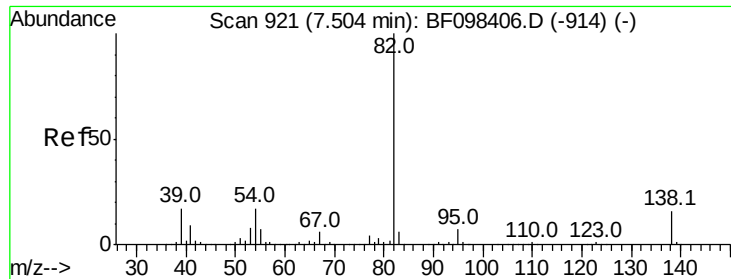
Sohil
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#24
Nitrobenzene
Concen: 42.506 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	35.8	53.8
65	15.0	10.6	15.8





#25

Isophorone

Concen: 43.098 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

Tot Ion: 82 Resp: 1399573

Ion Ratio Lower Upper

82 100

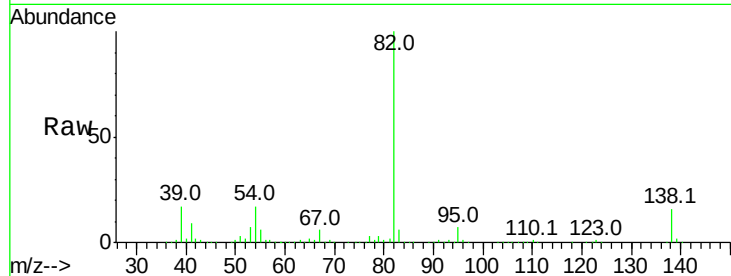
95 6.6 5.3 7.9

138 16.0 13.1 19.7

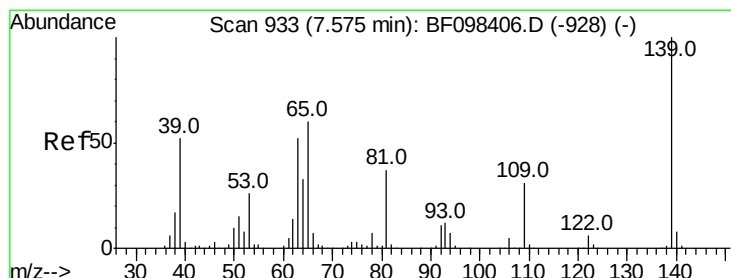
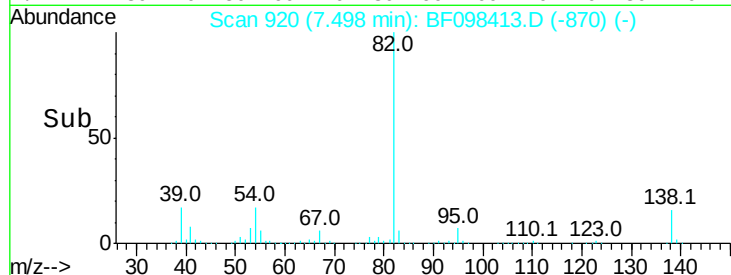
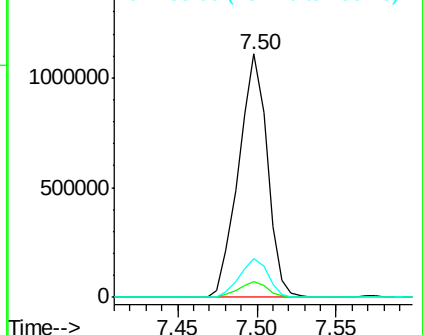
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 47.871 ng

RT: 7.57 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

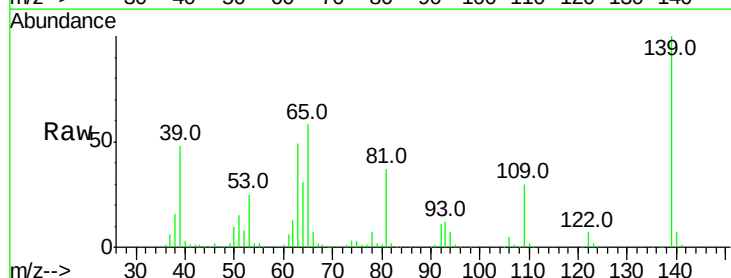
Tgt Ion: 139 Resp: 353370

Ion Ratio Lower Upper

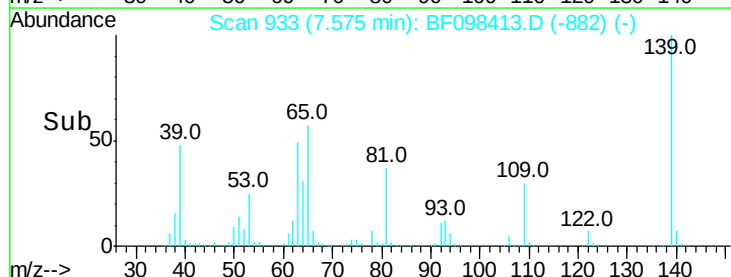
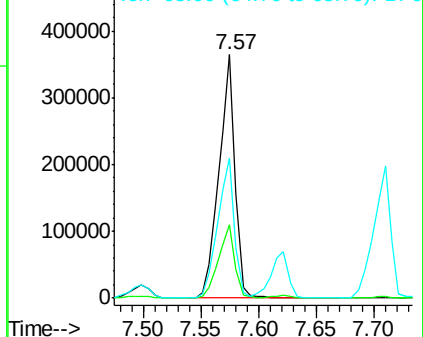
139 100

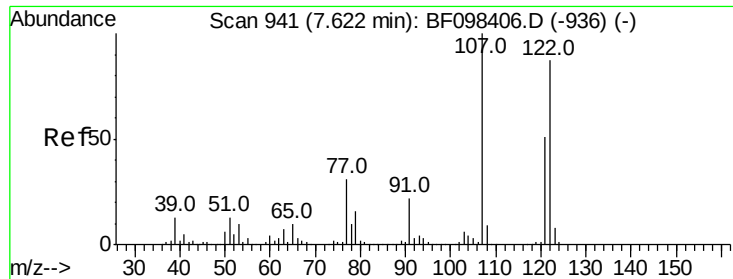
109 30.2 21.0 31.6

65 57.7 33.0 49.6#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





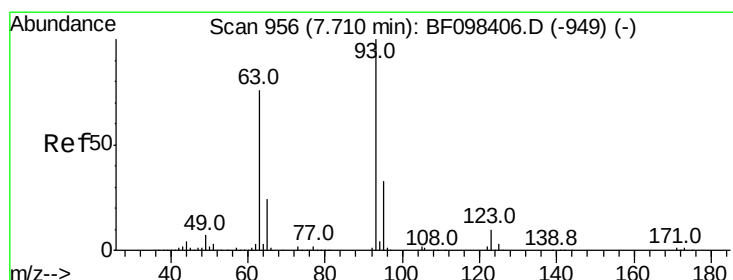
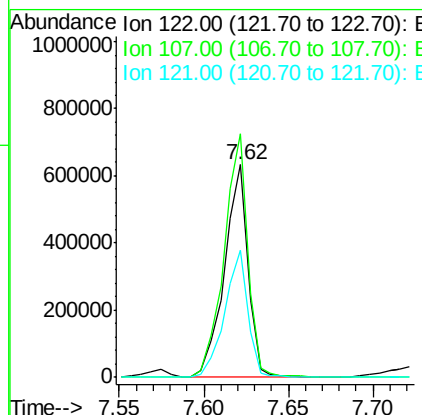
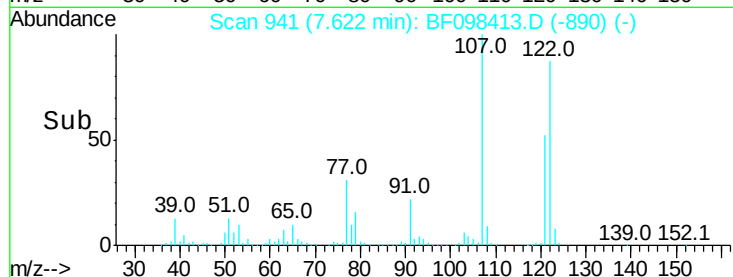
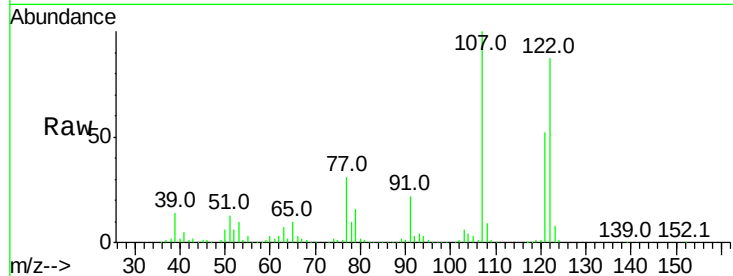
#27
2,4-Dimethylphenol
Concen: 43.614 ng
RT: 7.62 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Instrument :
BNA_F
ClientSampleId :
PB102184BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	613718		
107	114.5	89.2	133.8	
121	59.9	45.2	67.8	

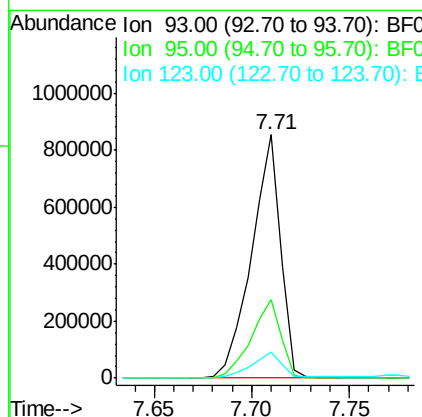
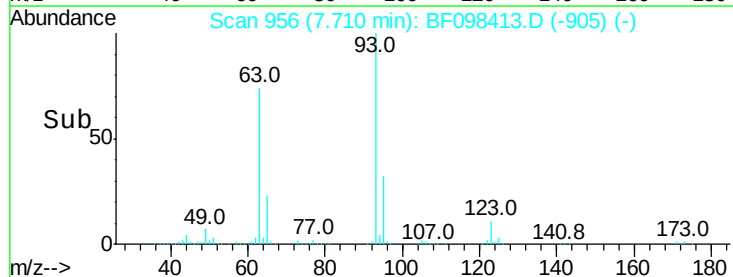
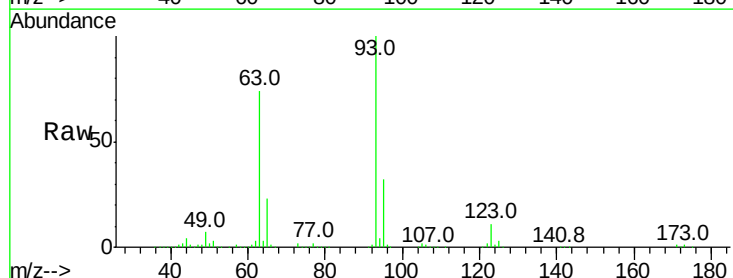
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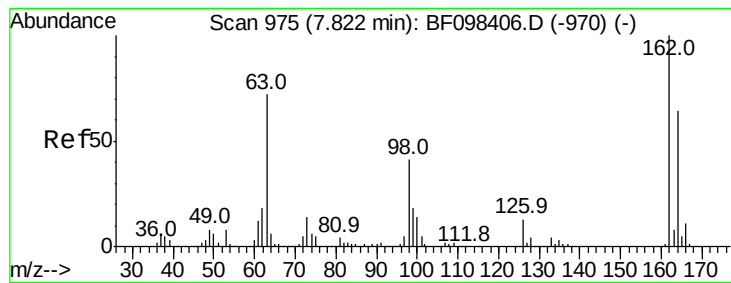
Sohil
9/12/2017 6:02:06 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.369 ng
RT: 7.71 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	879186		
95	32.3	26.5	39.7	
123	10.8	9.0	13.4	





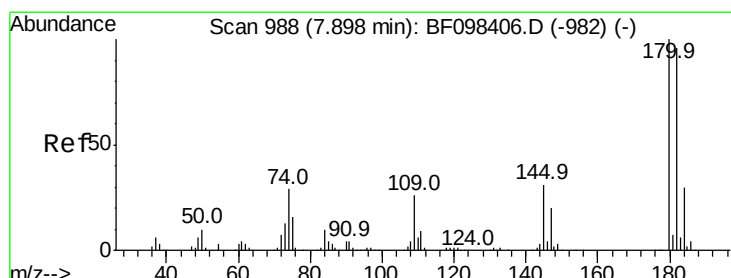
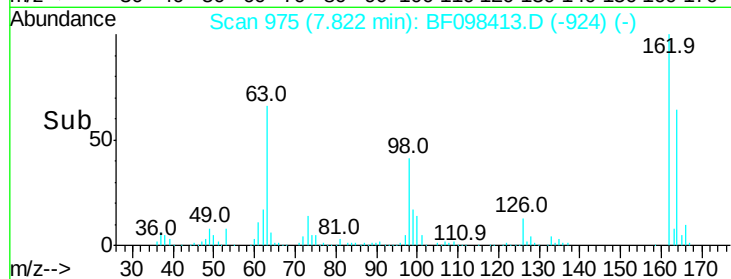
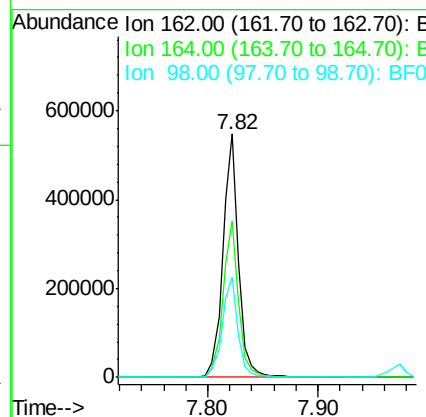
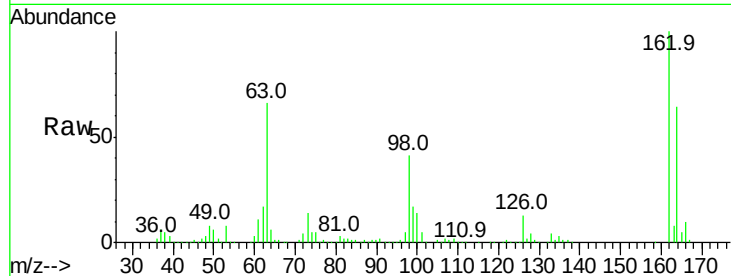
#29
 2,4-Dichlorophenol
 Concen: 45.608 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB102184BS

Tot Ion:	162	Resp:	533764
Ion Ratio	Lower	Upper	
162	100		
164	64.4	44.6	84.6
98	40.9	14.8	54.8

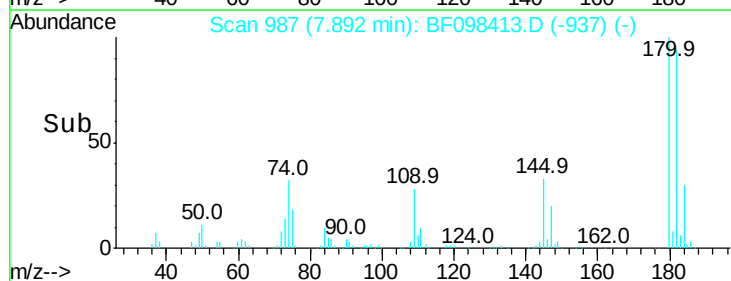
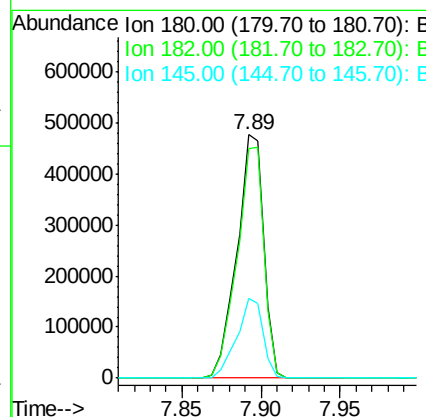
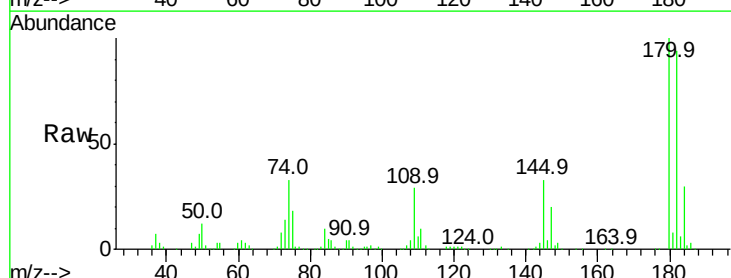
Manual Integrations
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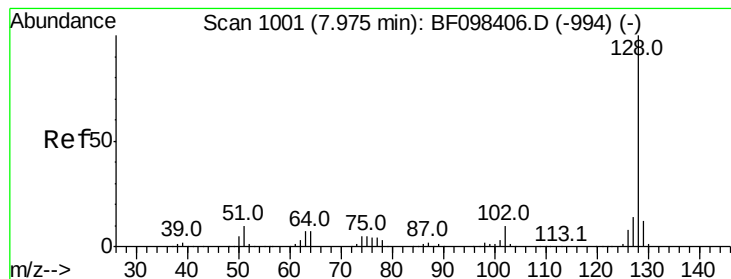
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.909 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Tgt Ion:	180	Resp:	558988
Ion Ratio	Lower	Upper	
180	100		
182	94.3	75.8	113.6
145	32.9	25.3	37.9





#31

Naphthalene

Concen: 43.577 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

Tot Ion:128 Resp: 1927644

Ion Ratio Lower Upper

128 100

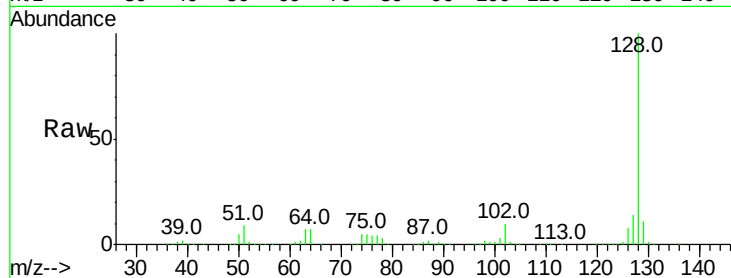
129 11.4 9.0 13.6

127 13.6 10.8 16.2

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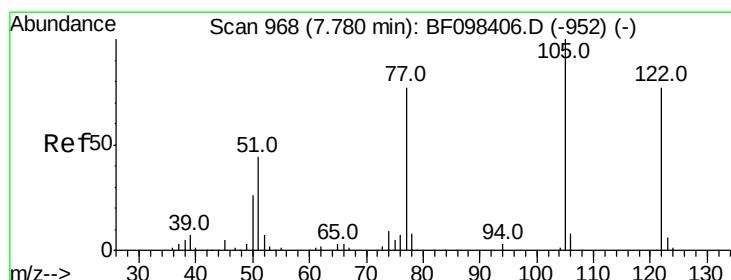
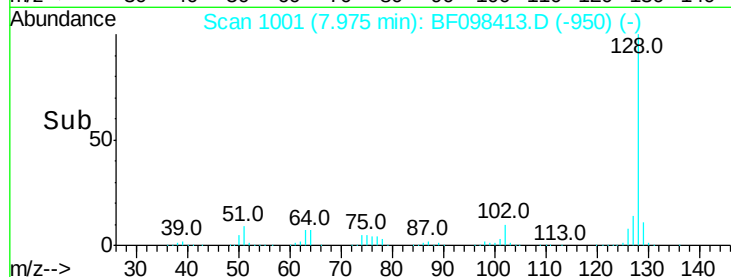
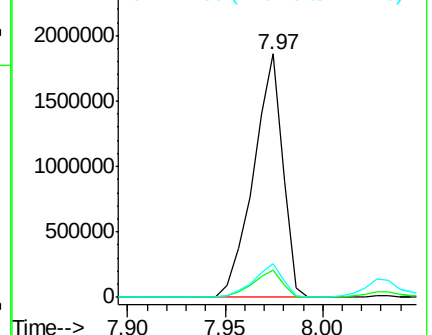
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.903 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

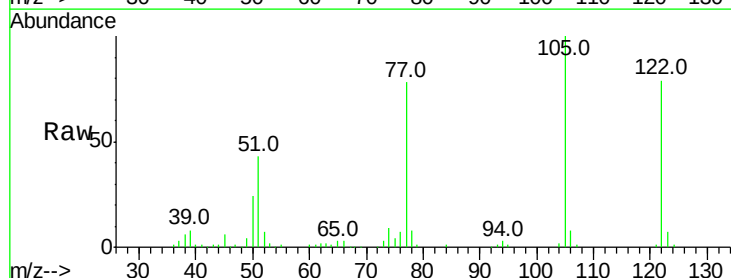
Tgt Ion:122 Resp: 316174

Ion Ratio Lower Upper

122 100

105 126.1 103.3 143.3

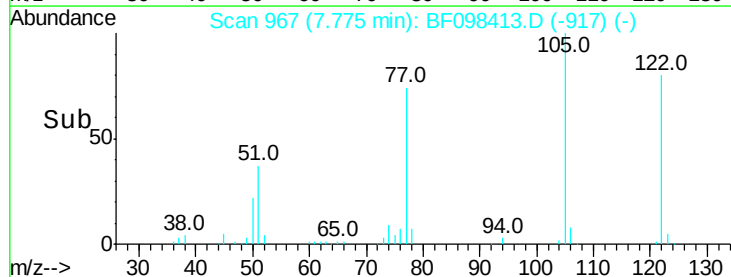
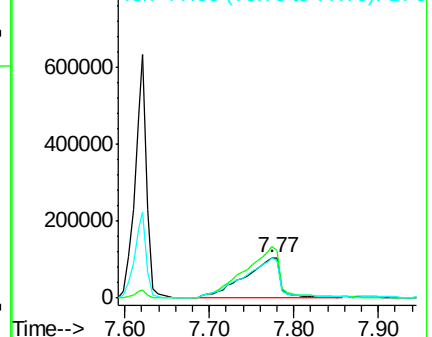
77 98.8 73.7 113.7

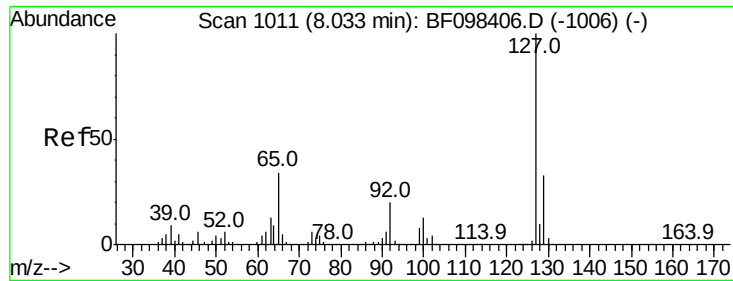


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





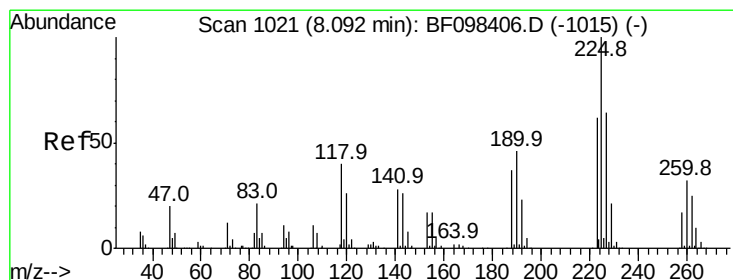
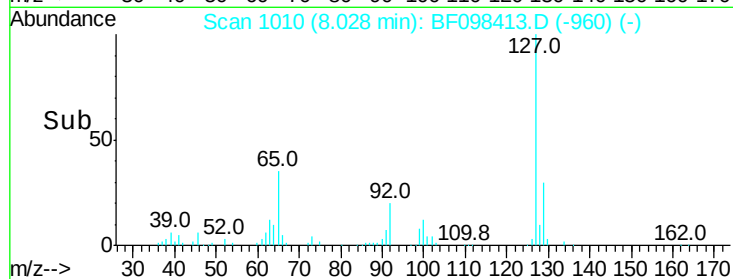
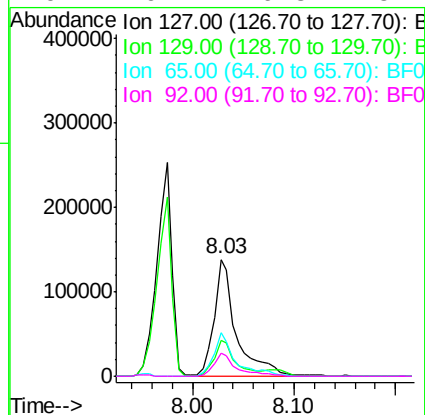
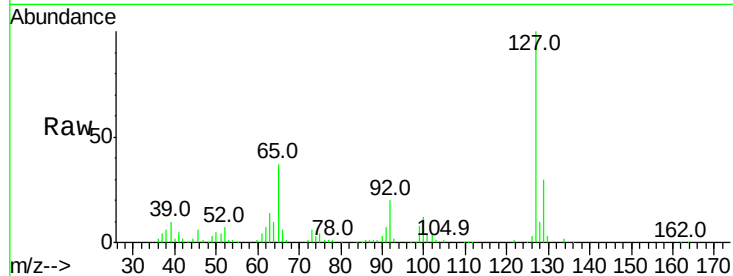
#33
4-Chloroaniline
Concen: 11.645 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Instrument :
BNA_F
ClientSampleId :
PB102184BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.4	26.2	39.2	
65	37.1	27.8	41.8	
92	20.1	16.8	25.2	

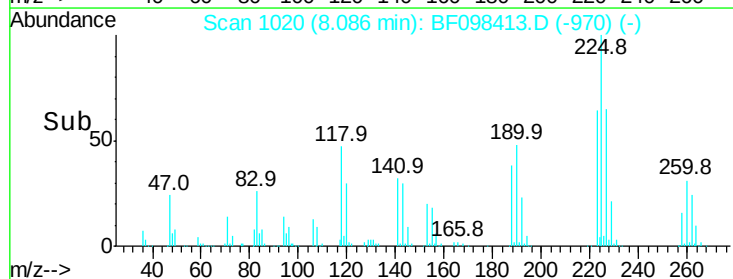
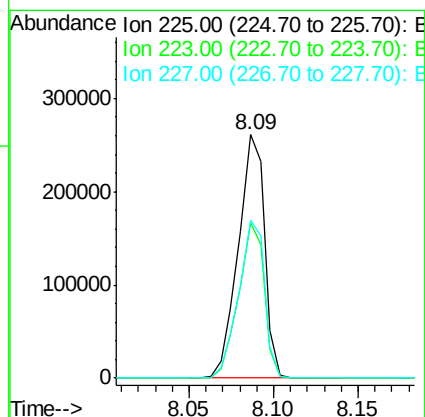
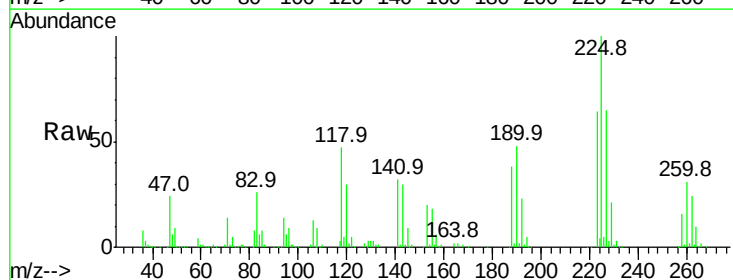
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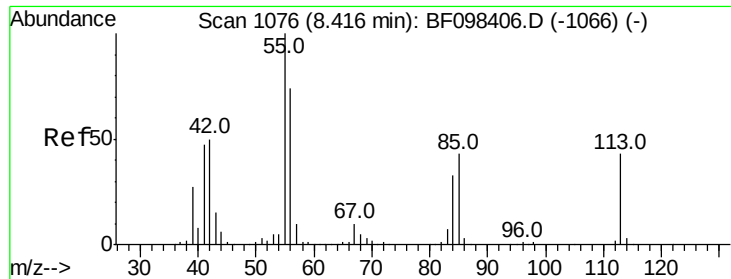
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#34
Hexachlorobutadiene
Concen: 43.129 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.9	48.8	73.2	
227	65.1	51.1	76.7	





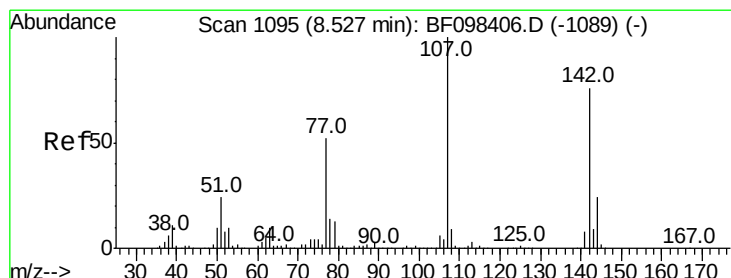
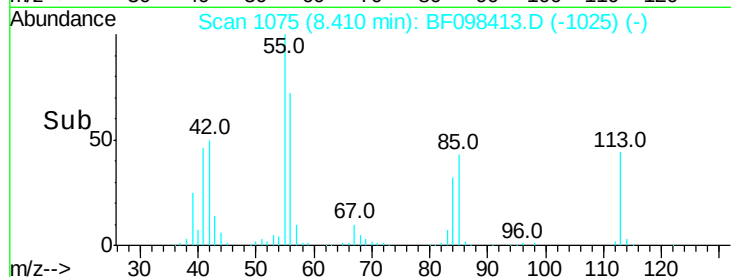
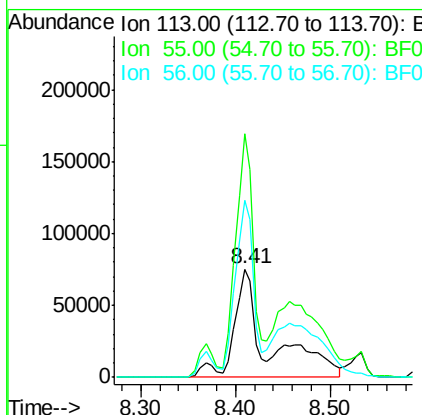
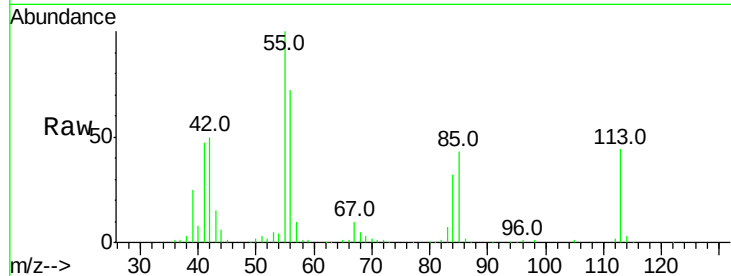
#35
 Caprolactam
 Concen: 47.222 ng/ml
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Instrument :
 BNA_F
 ClientSampleID :
 PB102184BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	225.3	150.2	190.2#
56	163.3	107.8	147.8#

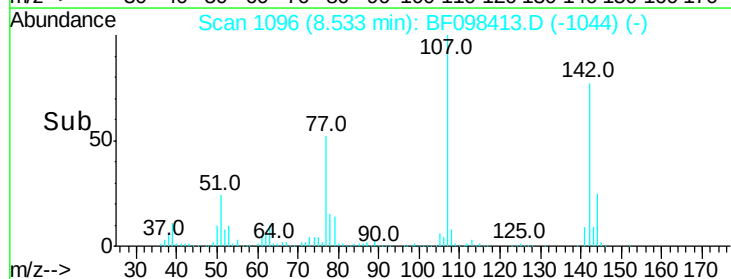
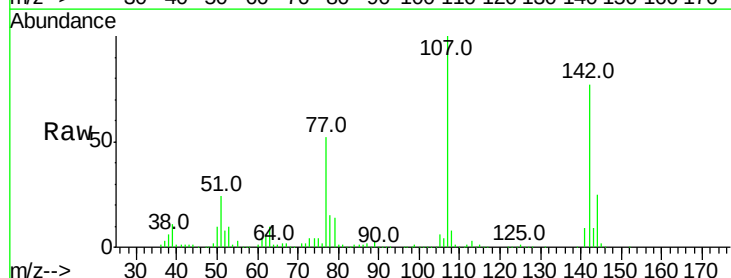
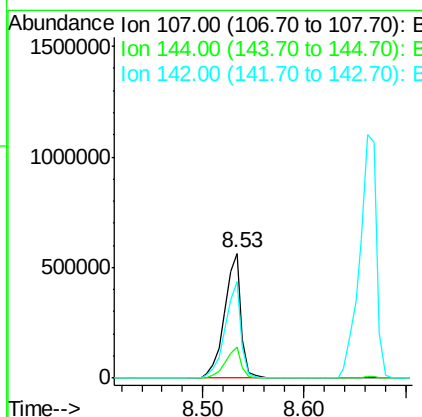
Manual Integrations
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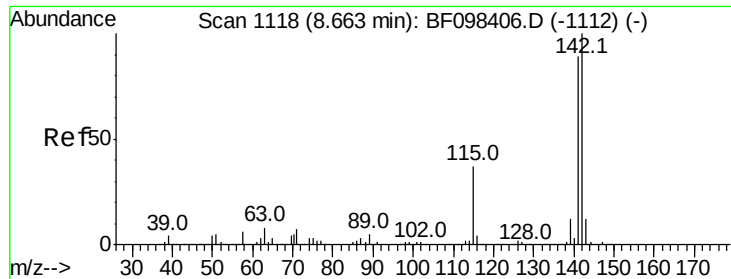
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#36
 4-Chloro-3-methylphenol
 Concen: 43.491 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	24.2	36.4
142	76.9	73.4	110.0





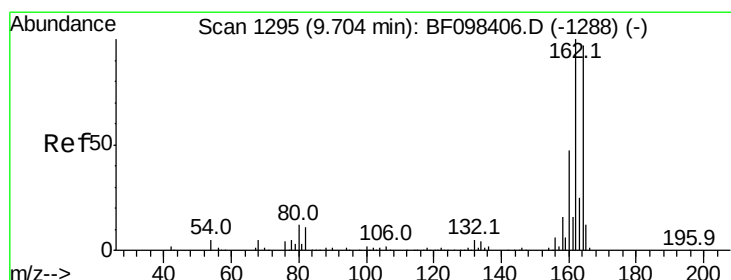
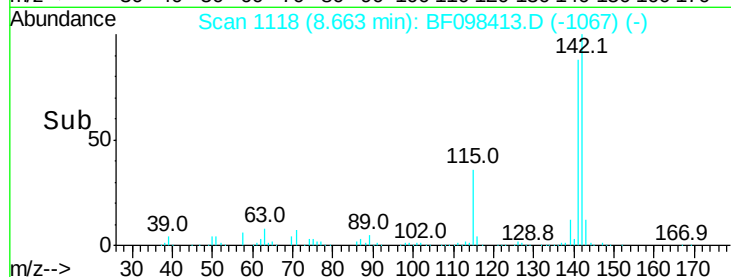
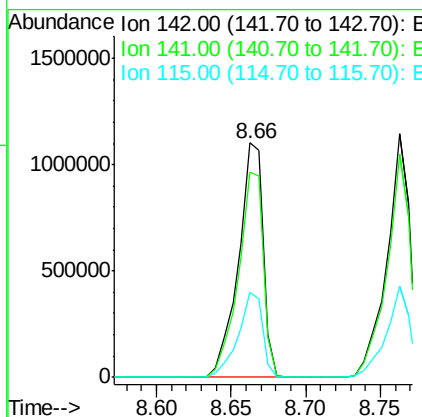
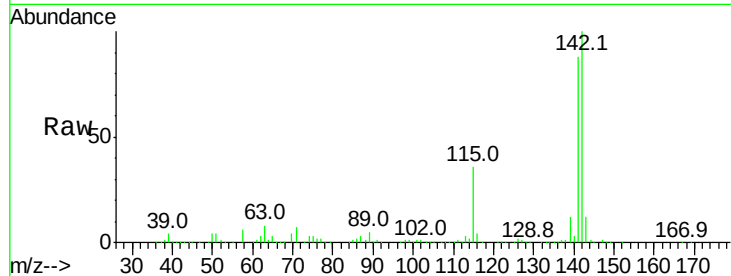
#37
2-Methylnaphthalene
Concen: 47.251 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Instrument :
BNA_F
ClientSampleId :
PB102184BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.3	106.9
115	36.4	27.1	40.7

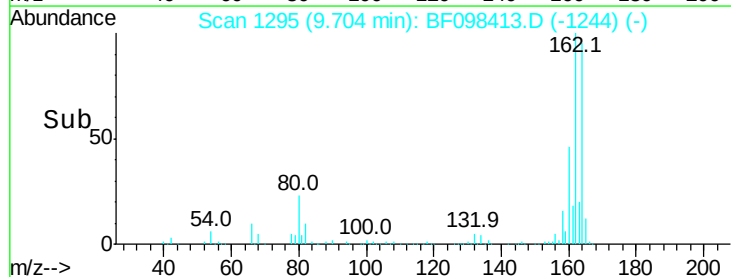
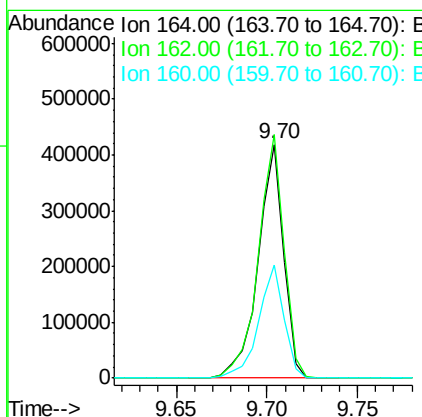
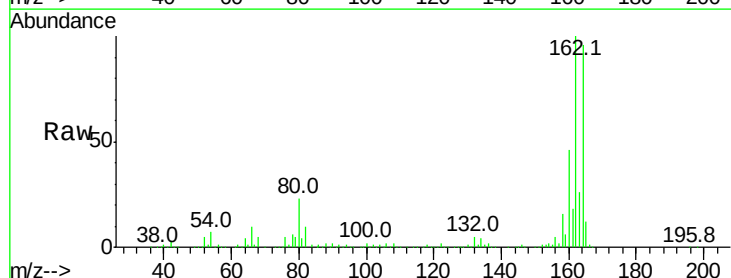
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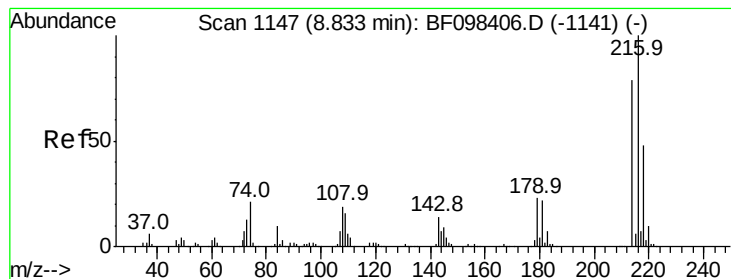
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	123.8
160	48.1	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.463 ng

RT: 8.83 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

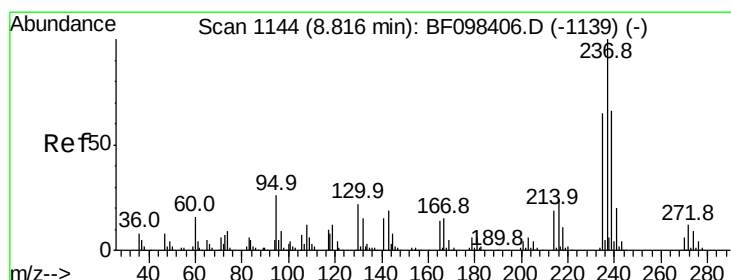
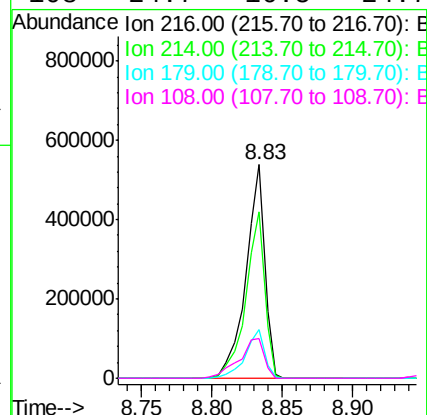
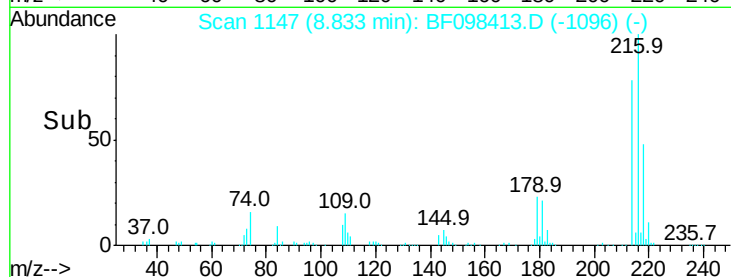
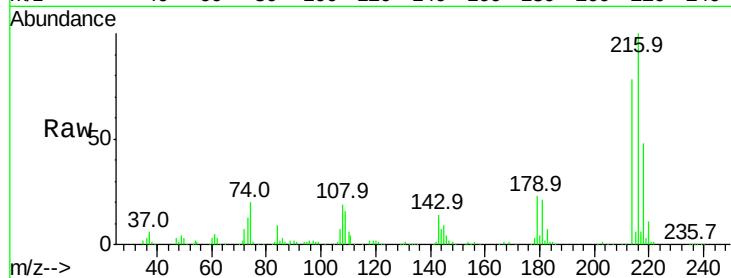
PB102184BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	503093		
214	78.1	63.4	95.2	
179	22.8	17.9	26.9	
108	24.7	16.5	24.7	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 105.539 ng

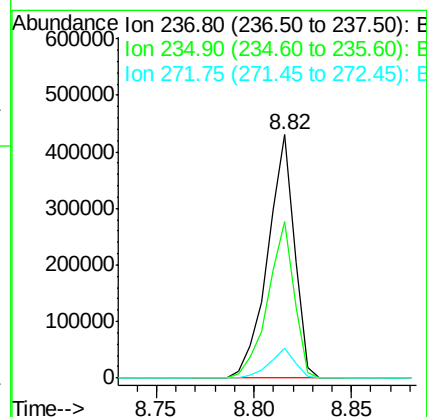
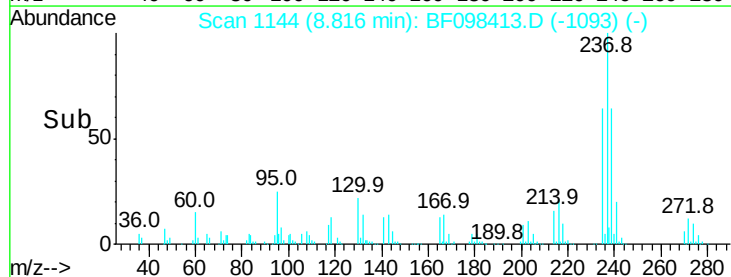
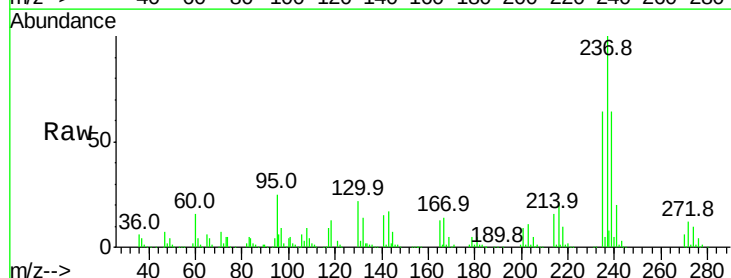
RT: 8.82 min Scan# 1144

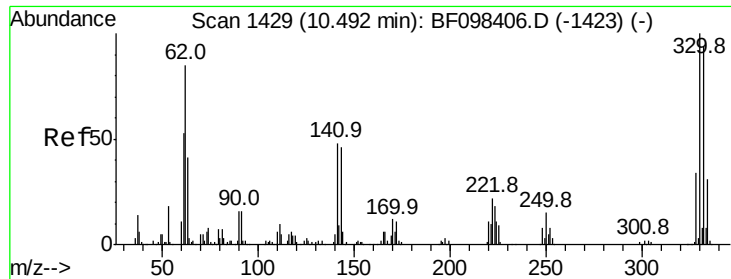
Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	407368		
235	64.5	42.6	82.6	
272	12.3	0.0	31.9	





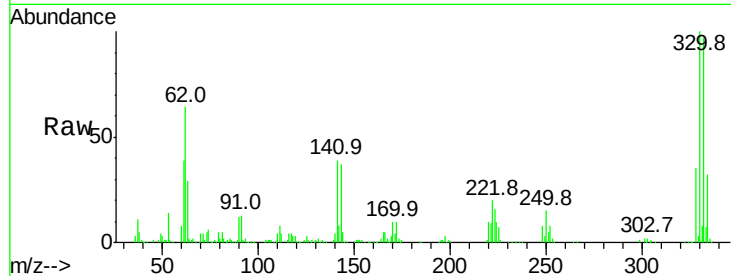
#41
 2,4,6-Tribromophenol
 Concen: 146.207 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Instrument :
 BNA_F
 ClientSampled :
 PB102184BS

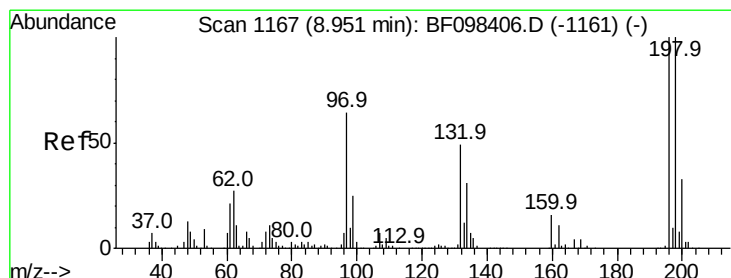
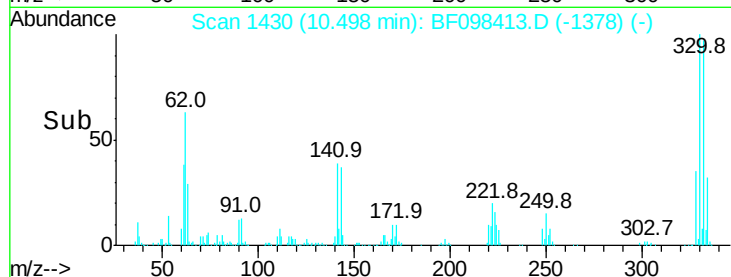
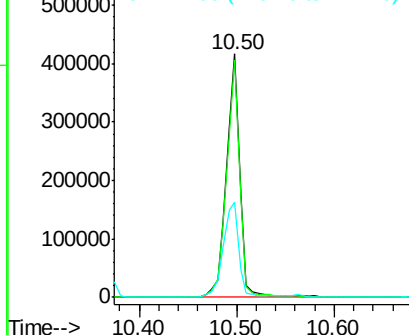
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	76.6	115.0	
141	45.6	31.4	47.2	

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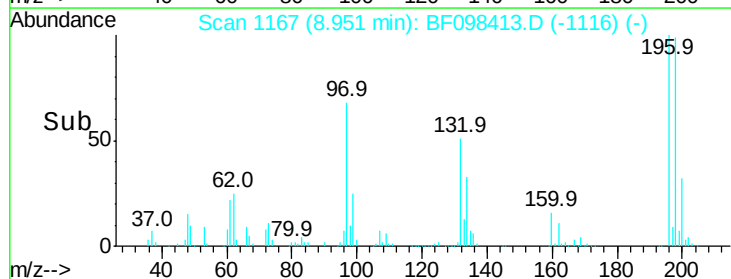
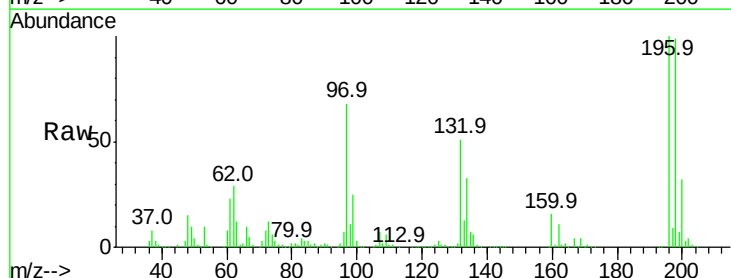
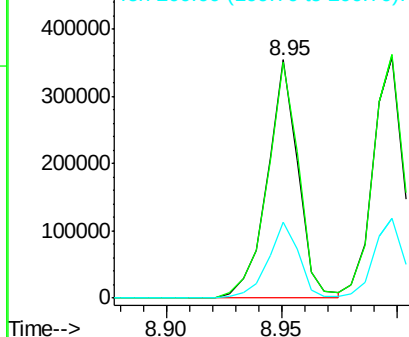
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

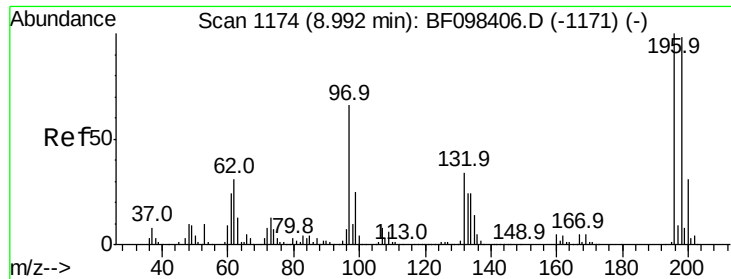


#42
 2,4,6-Trichlorophenol
 Concen: 43.868 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.2	74.2	111.4	
200	32.1	24.0	36.0	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





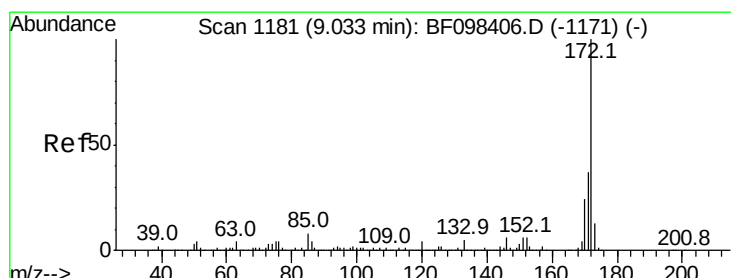
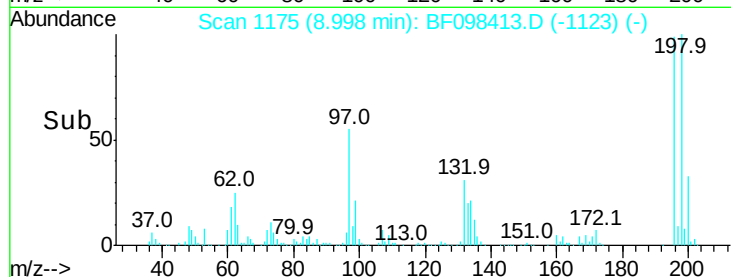
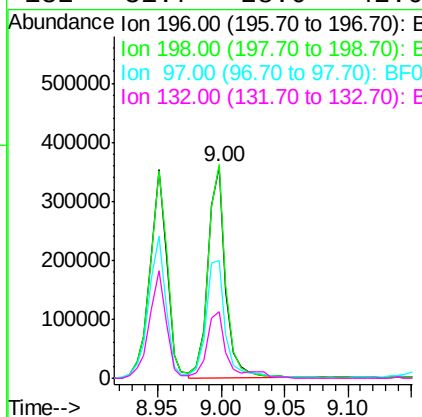
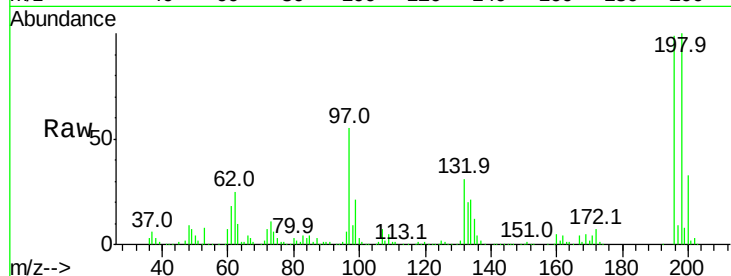
#43
 2,4,5-Trichlorophenol
 Concen: 44.521 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB102184BS

Tot Ion:	196	Resp:	348453
Ion Ratio	Lower	Upper	
196	100		
198	101.0	75.7	113.5
97	55.7	47.7	71.5
132	31.7	28.0	42.0

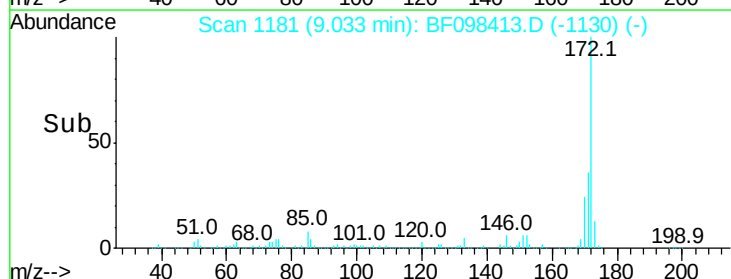
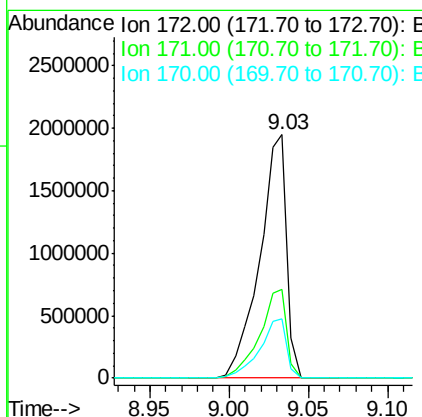
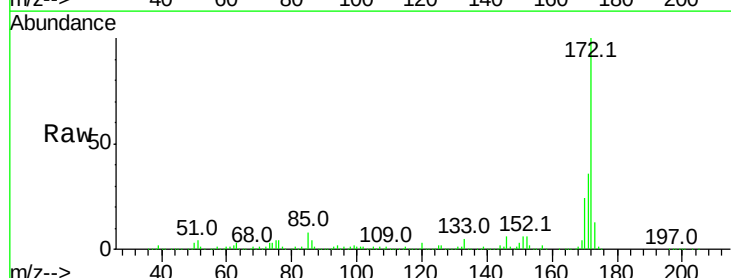
Manual Integrations
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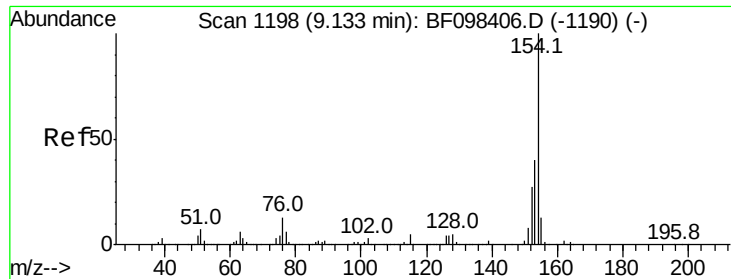
Sohil
 9/12/2017 6:02:06 PM



#44
 2-Fluorobiphenyl
 Concen: 95.822 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Tgt Ion:	172	Resp:	2313771
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.6	44.4
170	24.4	19.8	29.8





#45

1,1'-Biphenyl

Concen: 40.500 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

Tot Ion:154 Resp: 1483588

Ion Ratio Lower Upper

154 100

153 40.5 21.2 61.2

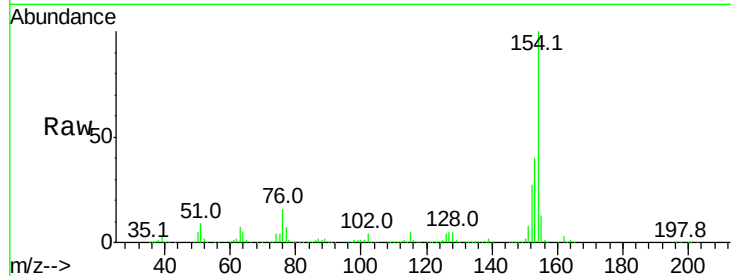
76 15.6 0.0 29.9

Manual Integrations

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Sohil

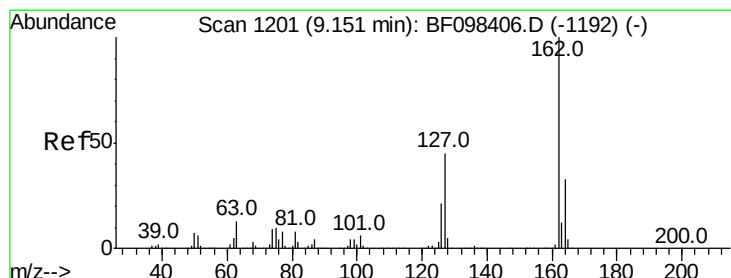
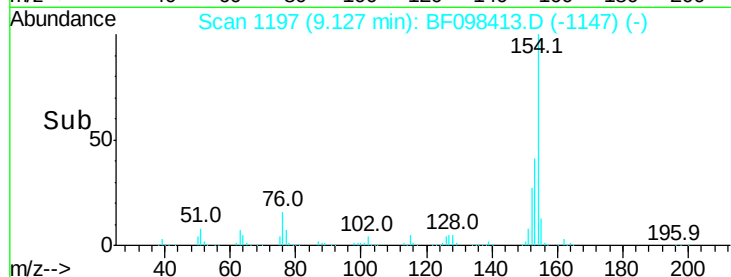
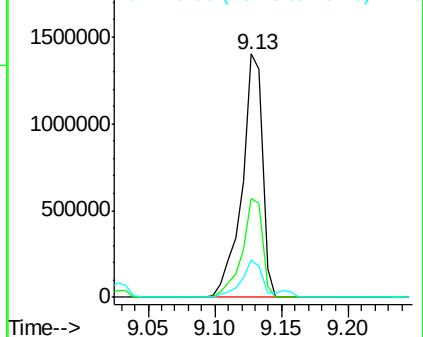
9/12/2017 6:02:06 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.883 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

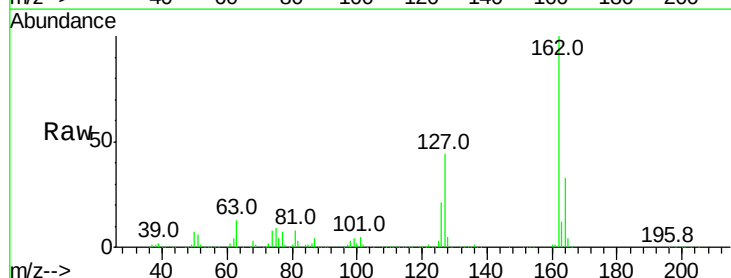
Tgt Ion:162 Resp: 1121885

Ion Ratio Lower Upper

162 100

127 44.5 28.3 42.5#

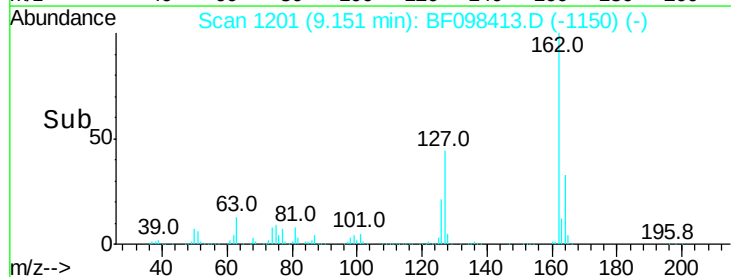
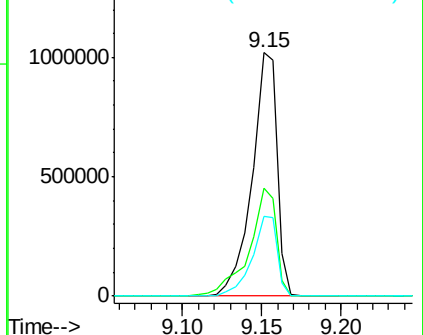
164 33.0 27.0 40.4

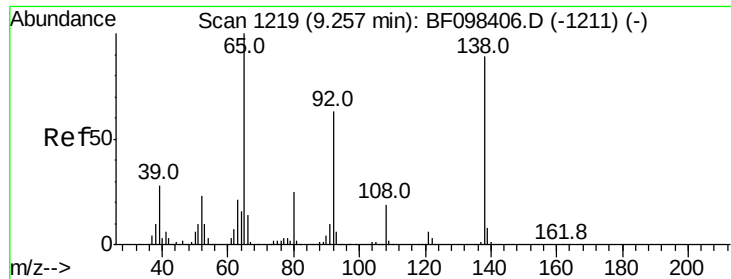


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





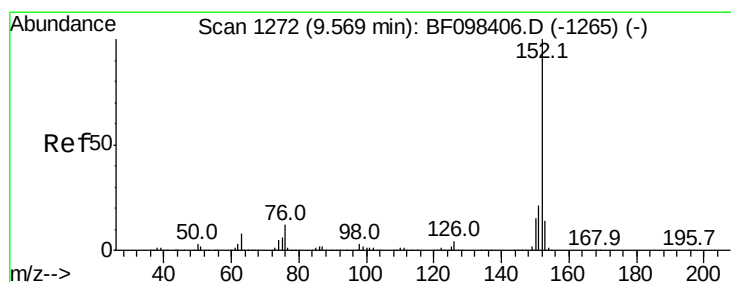
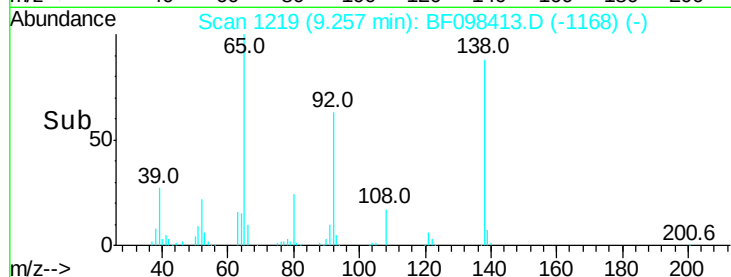
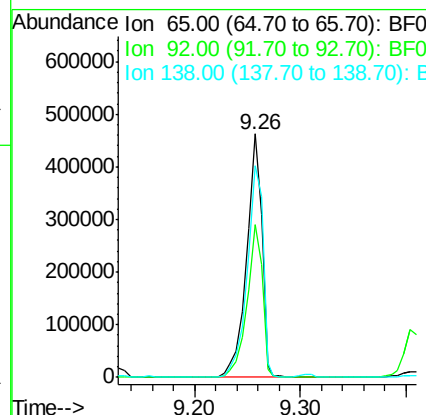
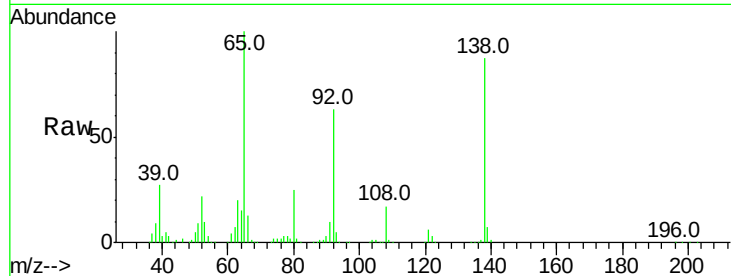
#47
2-Nitroaniline
Concen: 45.565 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Instrument :
BNA_F
ClientSampleId :
PB102184BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.5	53.9	80.9
138	87.2	78.8	118.2

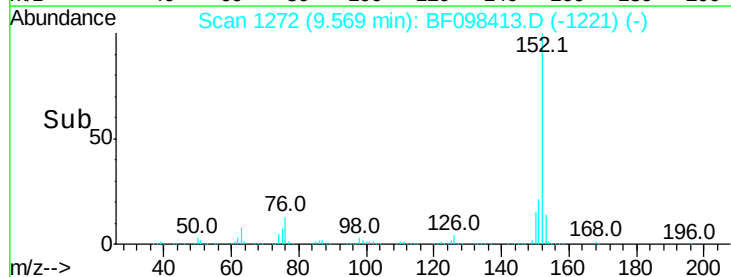
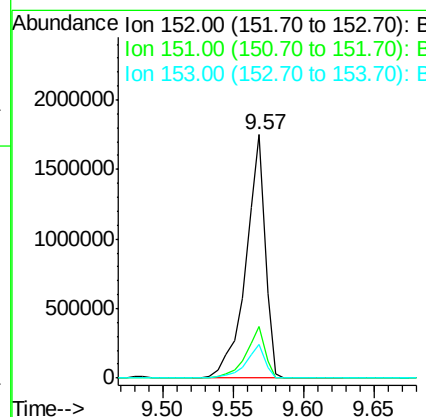
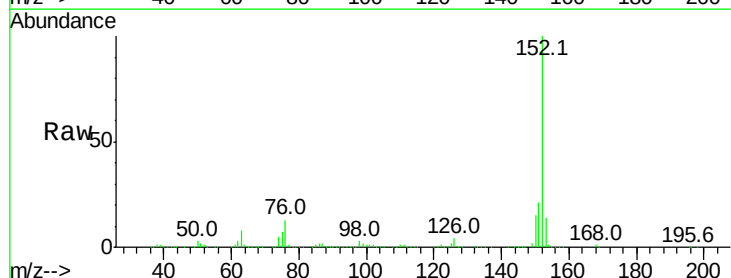
Manual Integrations
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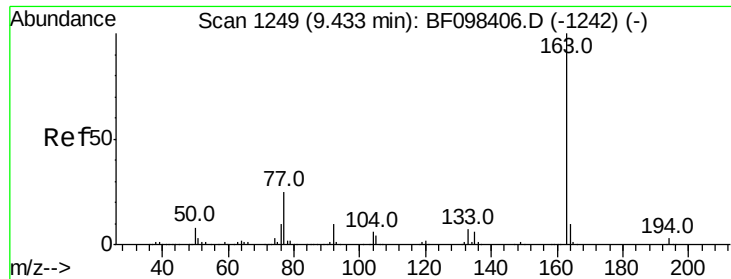
Sohil
9/12/2017 6:02:06 PM



#48
Acenaphthylene
Concen: 42.651 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	13.8	10.8	16.2





#49

Dimethylphthalate

Concen: 42.834 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.01 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampled :

PB102184BS

Tot Ion:163 Resp: 1356993

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

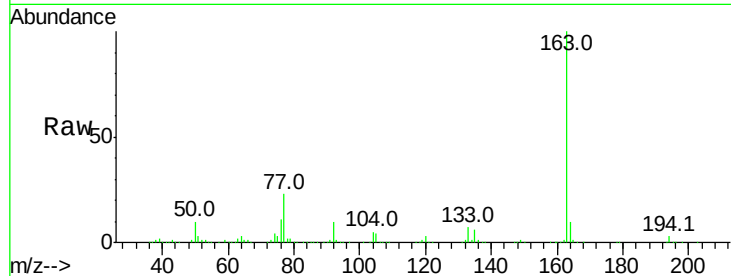
164 10.2 8.4 12.6

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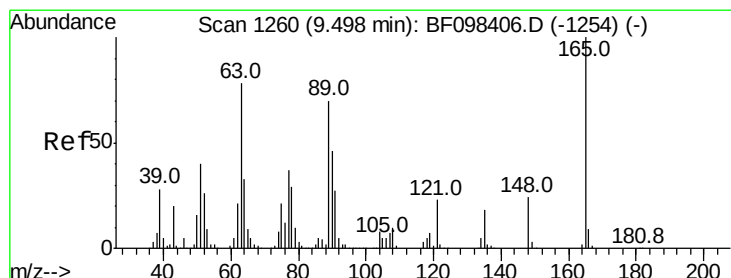
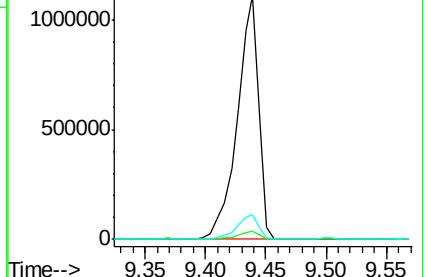
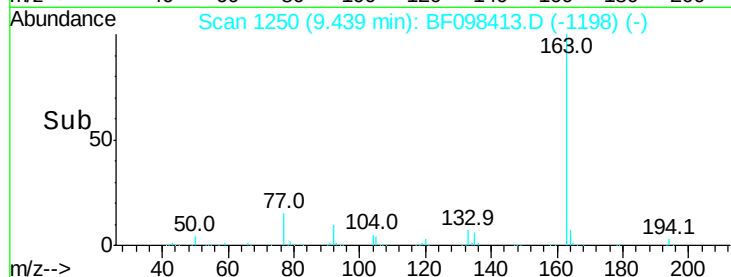
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.075 ng

RT: 9.50 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

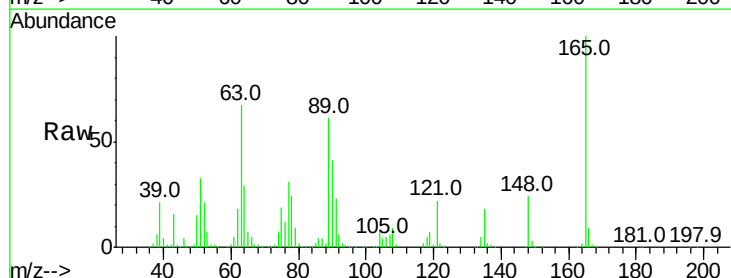
Tgt Ion:165 Resp: 293325

Ion Ratio Lower Upper

165 100

63 66.6 34.3 51.5#

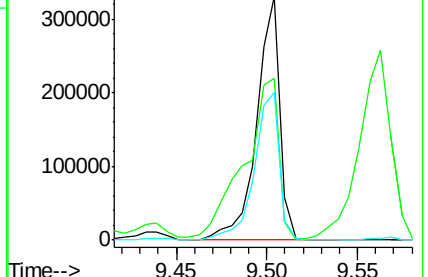
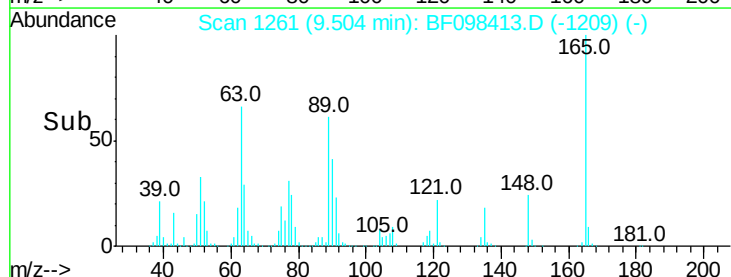
89 60.6 37.1 55.7#

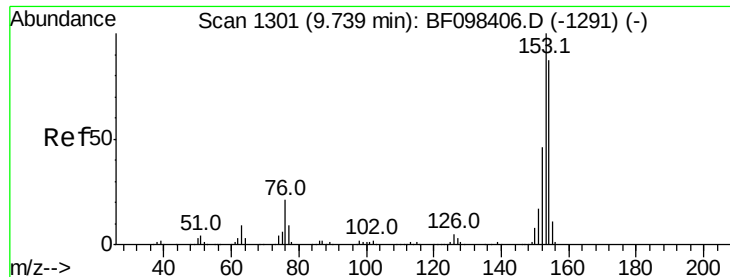


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.513 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

Tot Ion:154 Resp: 1051174

Ion Ratio Lower Upper

154 100

153 114.5 90.5 135.7

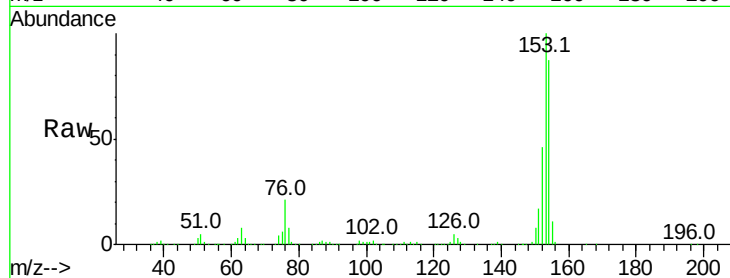
152 52.6 43.6 65.4

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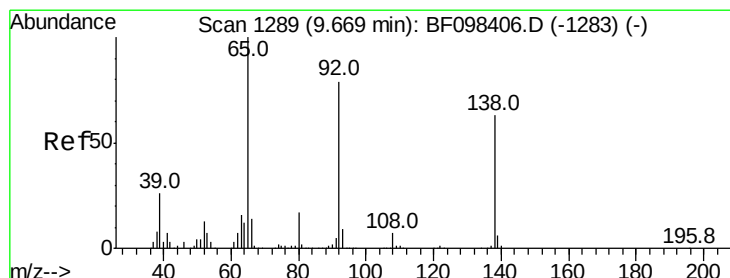
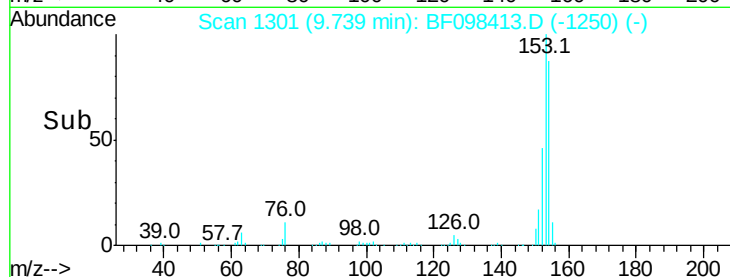
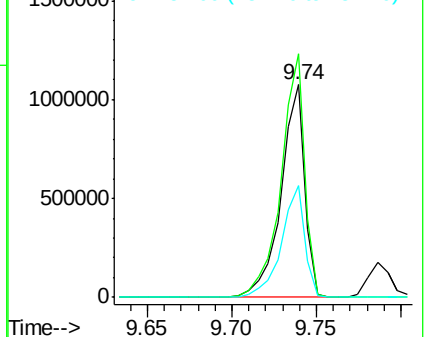
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.461 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

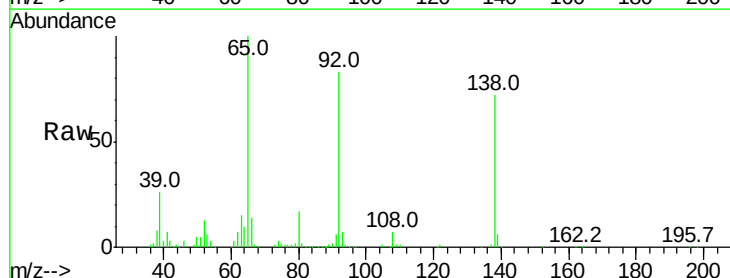
Tgt Ion:138 Resp: 113597

Ion Ratio Lower Upper

138 100

108 9.4 9.1 13.7

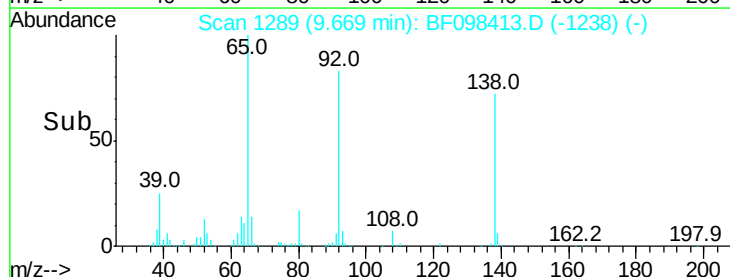
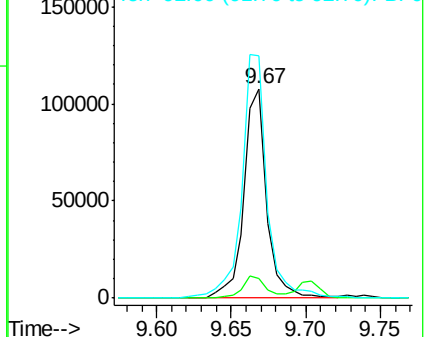
92 115.8 93.8 140.6

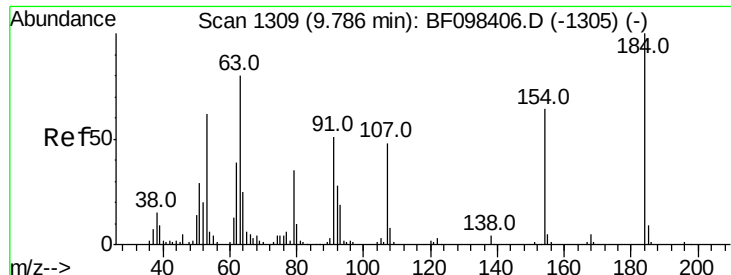


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





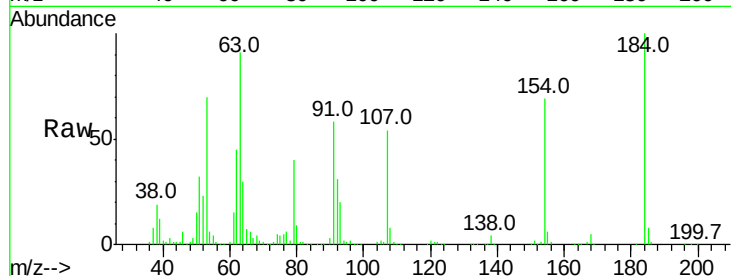
#53
 2,4-Dinitrophenol
 Concen: 84.219 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Instrument :
 BNA_F
 ClientSampled :
 PB102184BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	260615		
63	91.2	62.7	94.1	
154	69.4	81.1	121.7	

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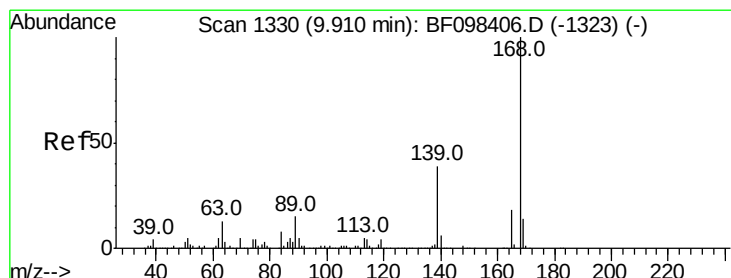
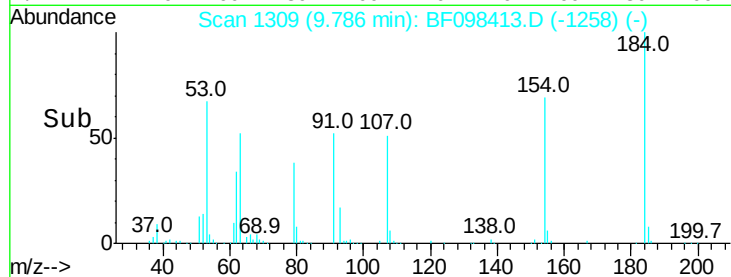
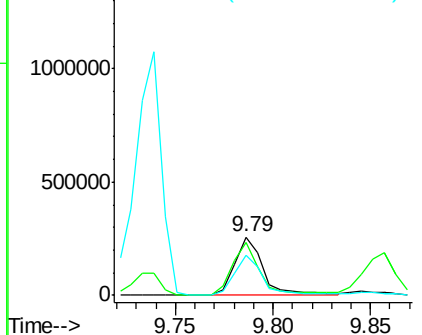


Abundance

Ion 184.00 (183.70 to 184.70): E

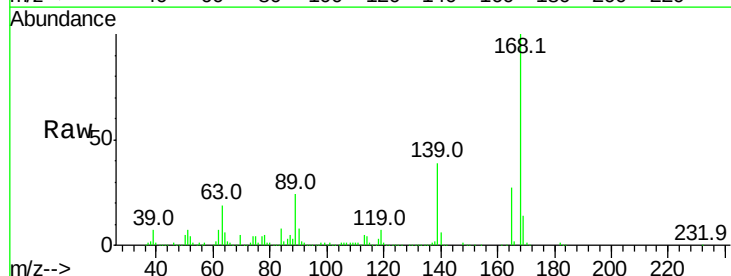
Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54
 Dibenzofuran
 Concen: 44.813 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1459768		
139	39.5	30.6	45.8	
169	13.7	10.8	16.2	

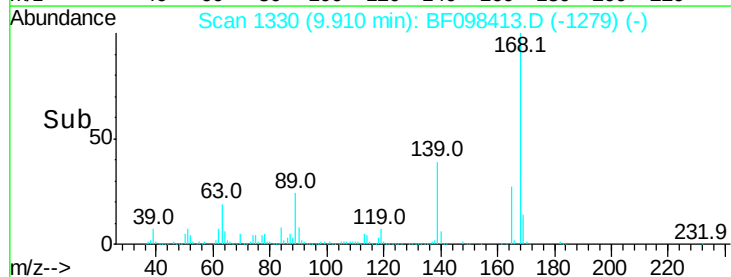
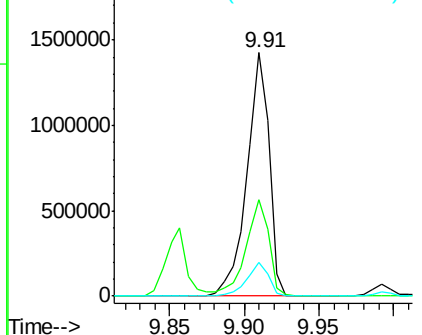


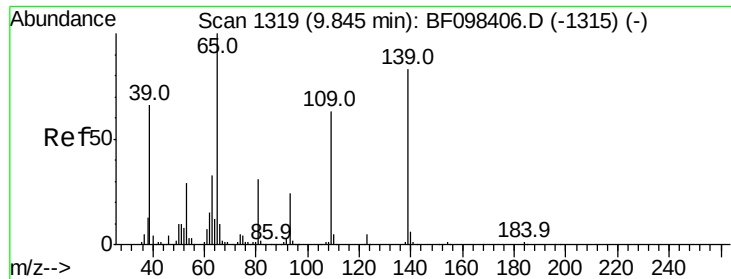
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





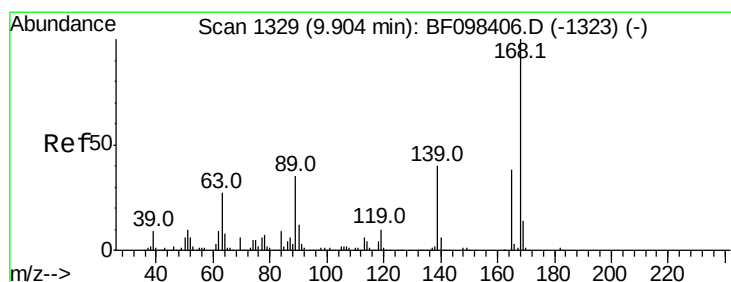
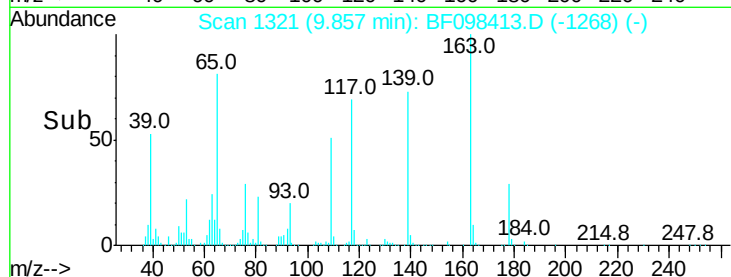
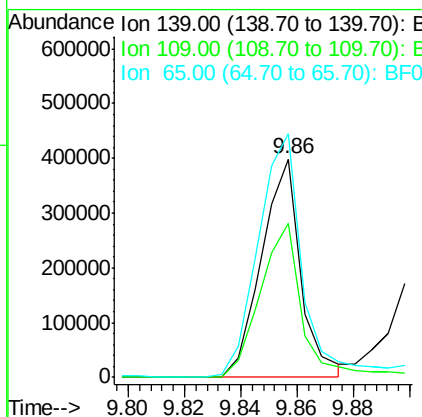
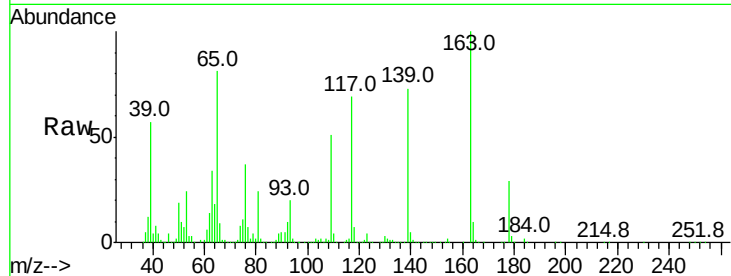
#55
4-Nitrophenol
Concen: 85.065 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Instrument :
BNA_F
ClientSampleId :
PB102184BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	70.4	34.1	74.1	
65	111.5	31.4	71.4	

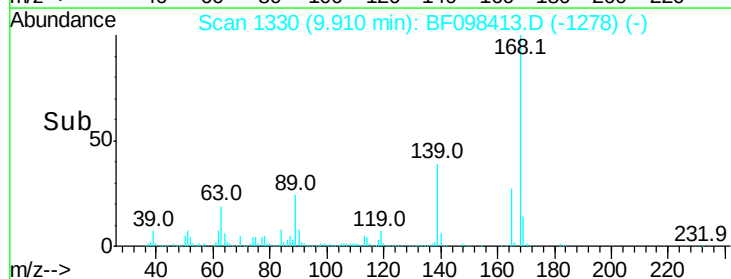
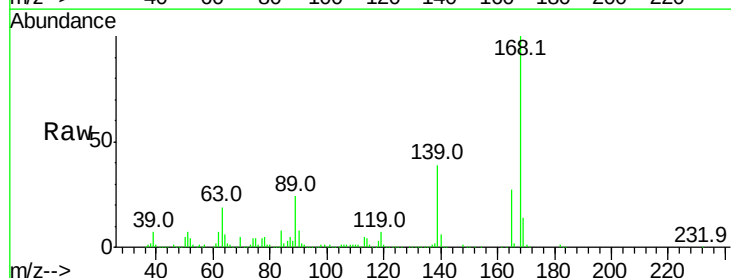
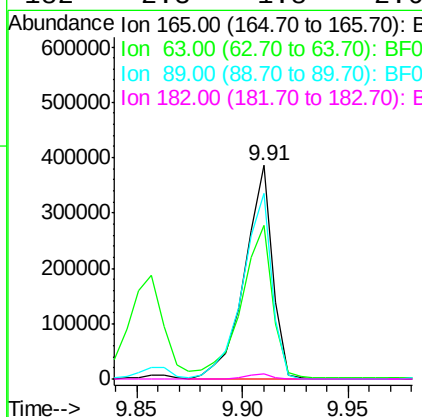
Manual Integrations
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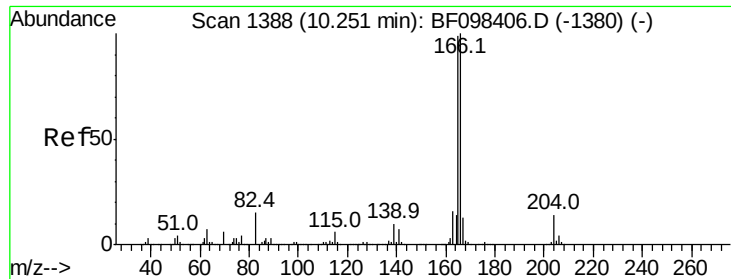
Sohil
9/12/2017 6:02:06 PM



#56
2,4-Dinitrotoluene
Concen: 44.866 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	71.7	25.4	38.0	
89	87.2	46.4	69.6	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 42.093 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

Tot Ion:166 Resp: 1134894

Ion Ratio Lower Upper

166 100

165 100.1 78.8 118.2

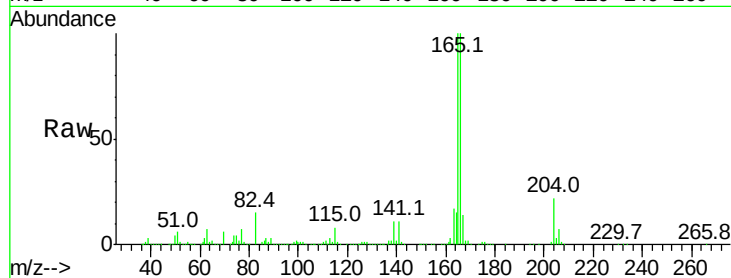
167 14.0 10.6 16.0

Manual Integrations

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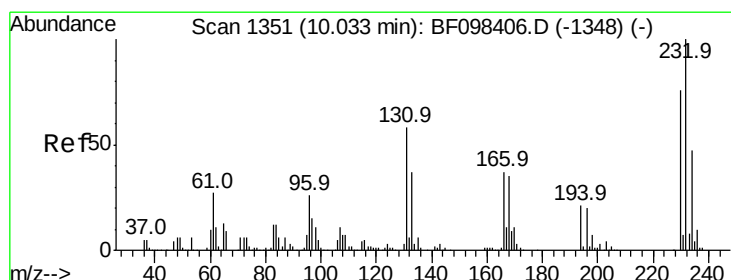
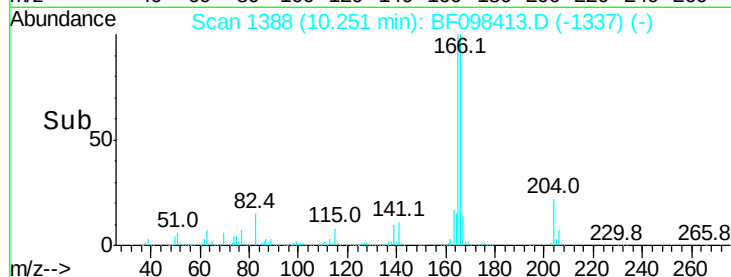
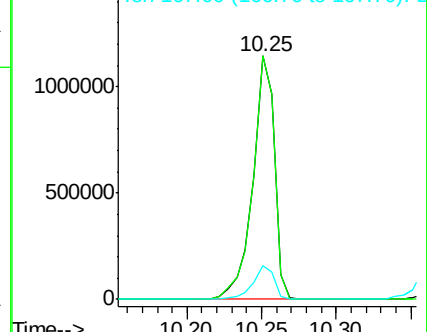


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.593 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Tgt Ion:232 Resp: 266120

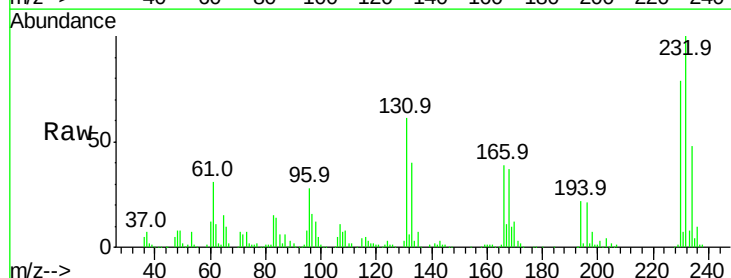
Ion Ratio Lower Upper

232 100

131 55.4 44.8 67.2

130 3.1 2.3 3.5

166 34.2 29.0 43.4



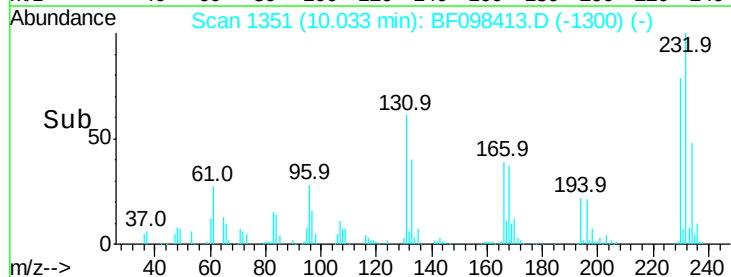
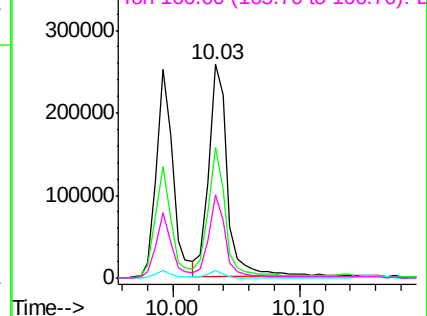
Abundance

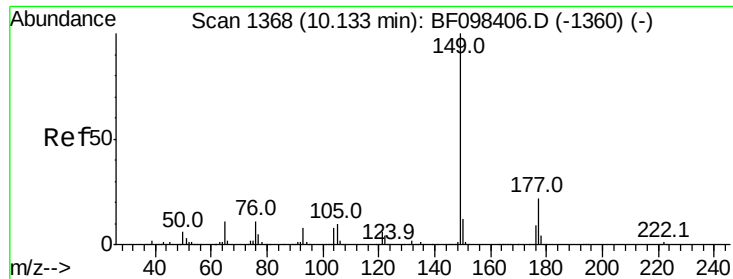
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





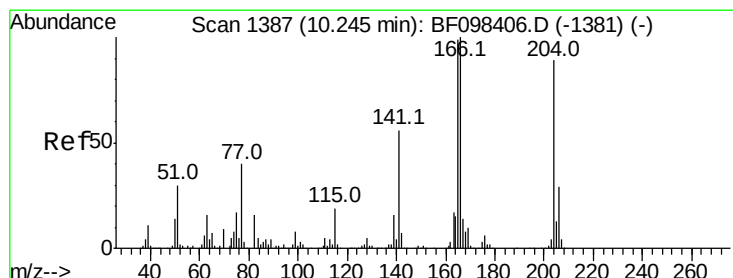
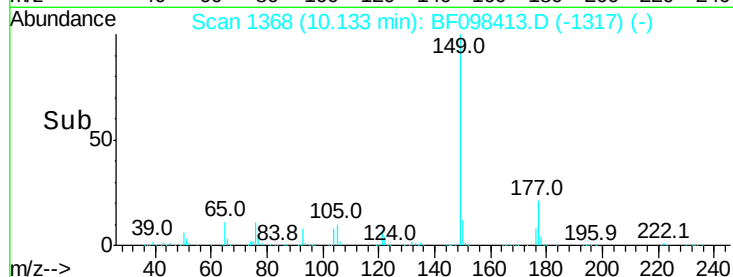
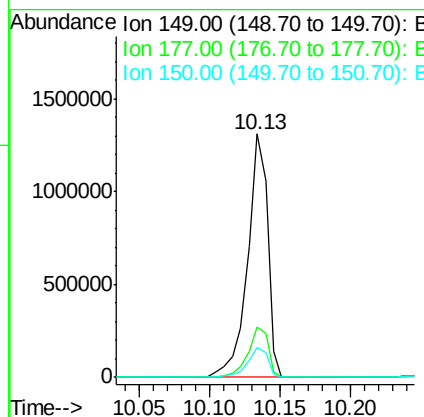
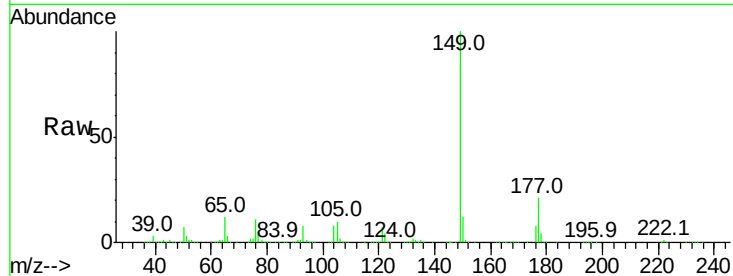
#59
Diethylphthalate
Concen: 43.243 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Instrument :
BNA_F
ClientSampleId :
PB102184BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.7	25.1
150	12.3	10.2	15.2

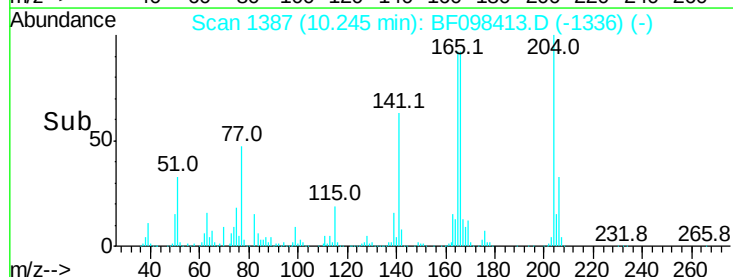
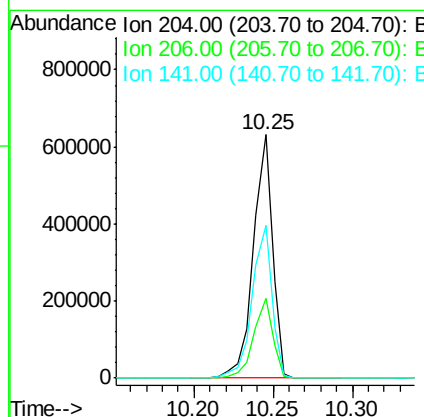
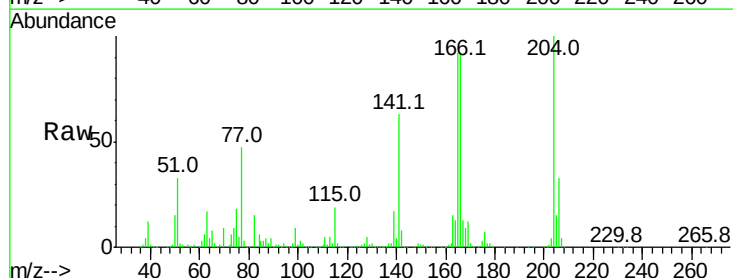
Manual Integrations
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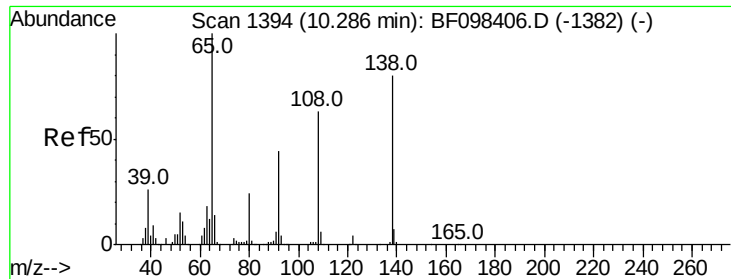
Sohil
9/12/2017 6:02:06 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.705 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.2
141	63.0	60.8	91.2





#61

4-Nitroaniline

Concen: 40.118 ng

RT: 10.29 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

Tot Ion:138 Resp: 318263

Ion Ratio Lower Upper

138 100

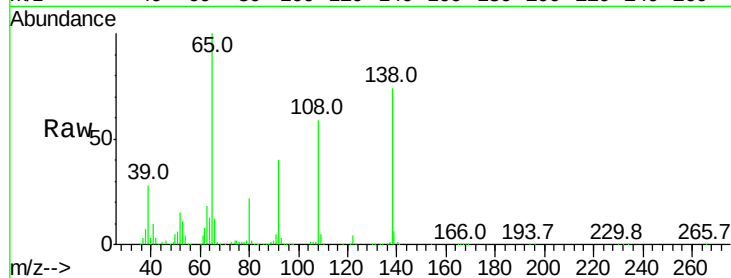
92 54.4 21.8 61.8

108 79.8 42.3 82.3

Manual Integrations
APPROVED

Sohil

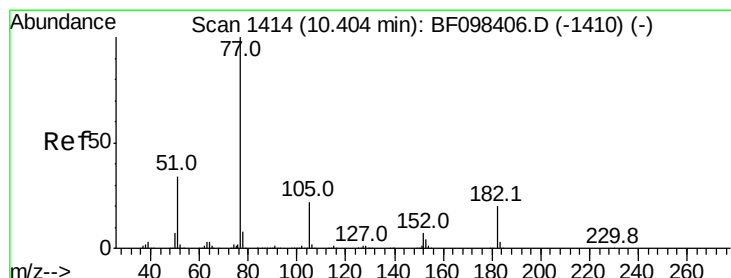
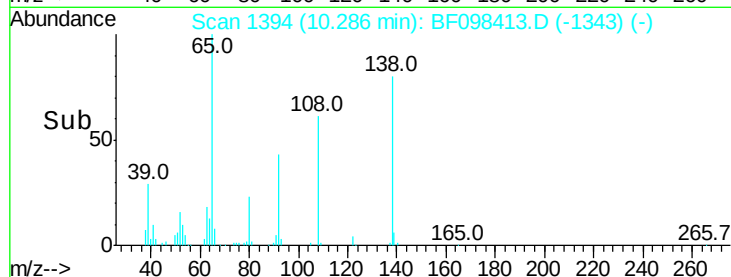
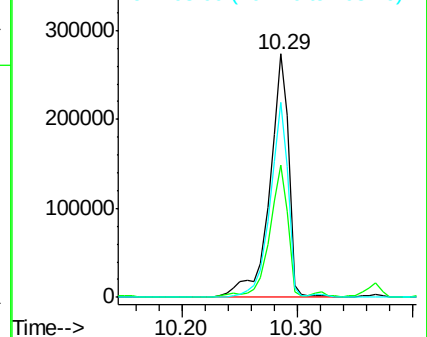
9/12/2017 6:02:06 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.956 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Tgt Ion: 77 Resp: 1459827

Ion Ratio Lower Upper

77 100

182 20.2 0.1 40.1

105 21.6 3.6 43.6

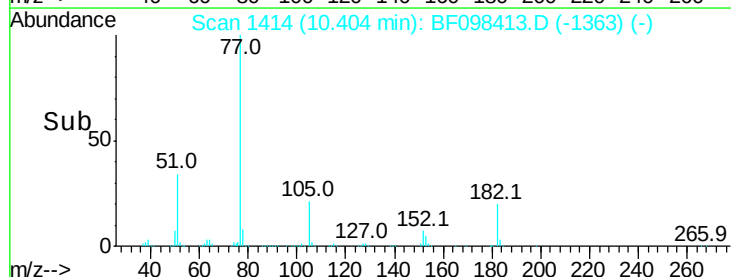
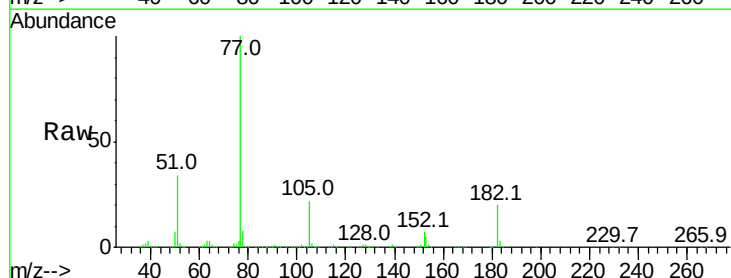
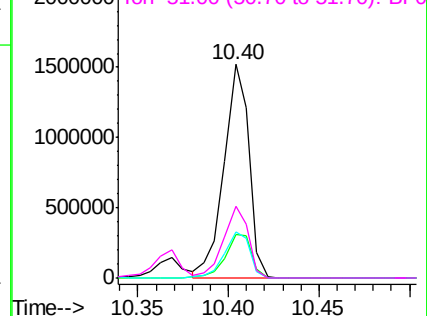
51 33.6 9.4 49.4

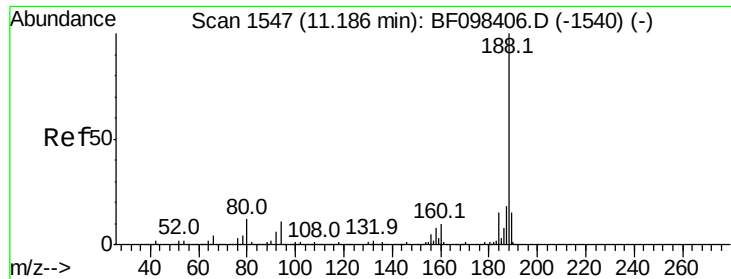
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

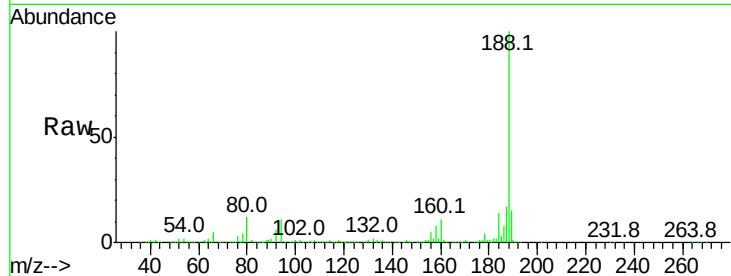
ClientSampleId :

PB102184BS

Tot Ion:	188	Resp:	752210
Ion Ratio	Lower	Upper	
188	100		
94	11.4	9.4	14.2
80	12.1	10.2	15.2

Manual Integrations
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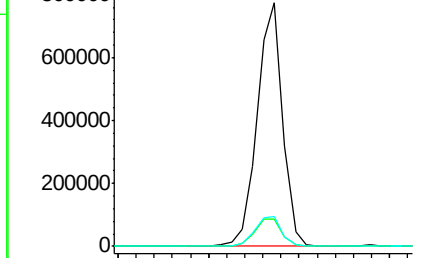
Sohil
9/12/2017 6:02:06 PM



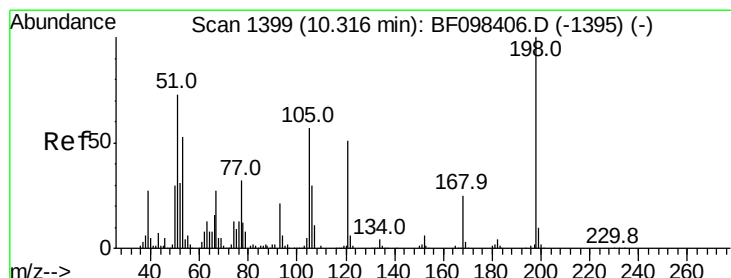
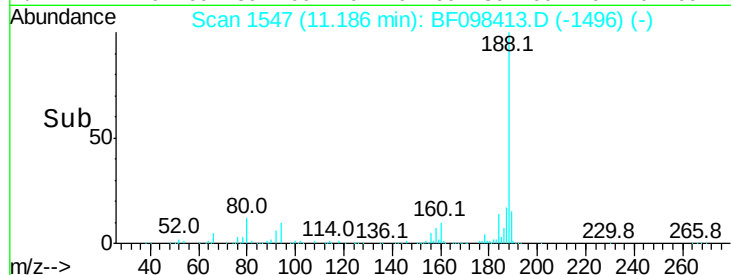
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time--> 11.10 11.15 11.20



#64

4,6-Dinitro-2-methylphenol

Concen: 42.787 ng

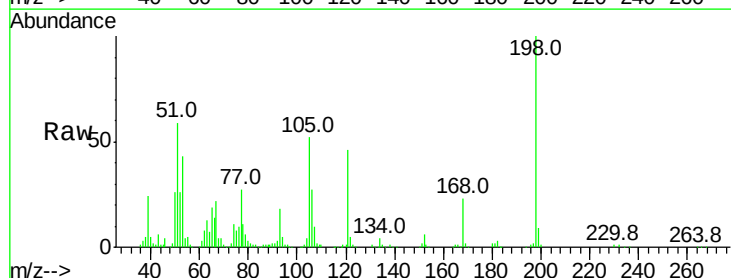
RT: 10.32 min Scan# 1400

Delta R.T. 0.01 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

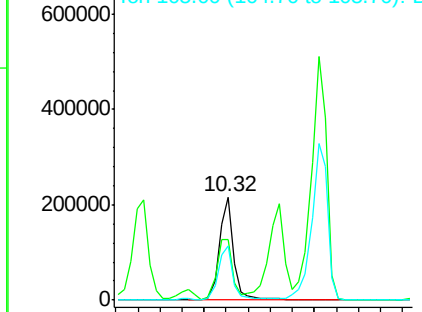
Tgt Ion:	198	Resp:	194634
Ion Ratio	Lower	Upper	
198	100		
51	58.6	53.2	93.2
105	52.0	45.8	85.8



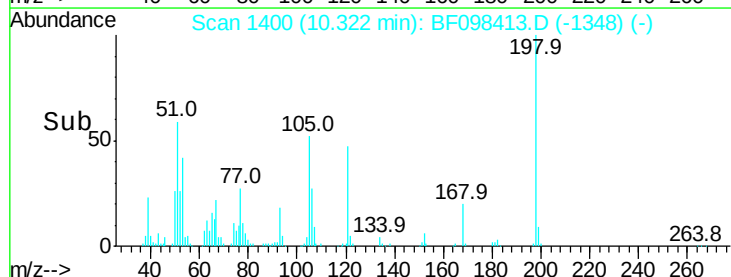
Abundance Ion 198.00 (197.70 to 198.70): E

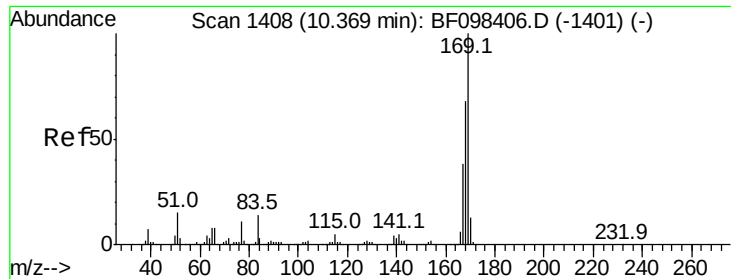
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time--> 10.30 10.40





#65

n-Nitrosodiphenylamine

Concen: 43.285 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampled :

PB102184BS

Tot Ion:169 Resp: 1057212

Ion Ratio Lower Upper

169 100

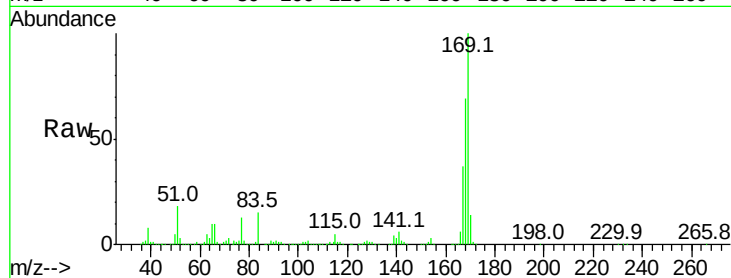
168 68.7 53.2 79.8

167 37.3 29.5 44.3

Manual Integrations
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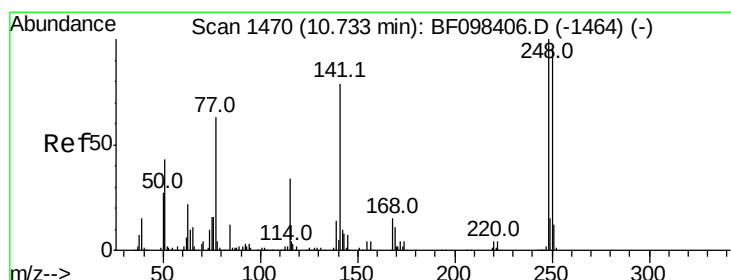
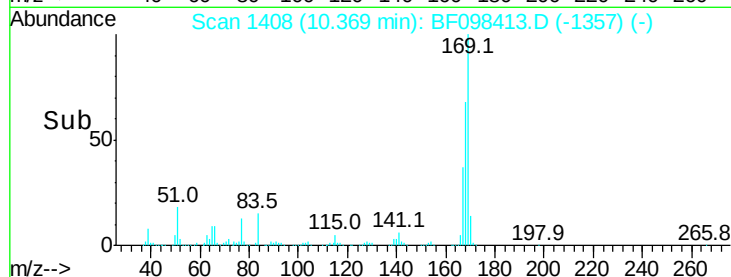
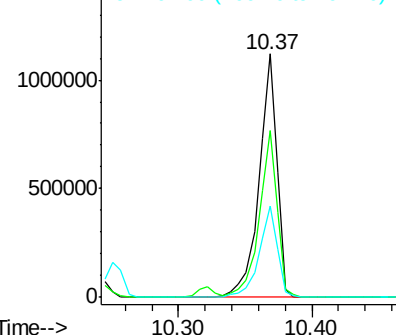
9/12/2017 6:02:06 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.579 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

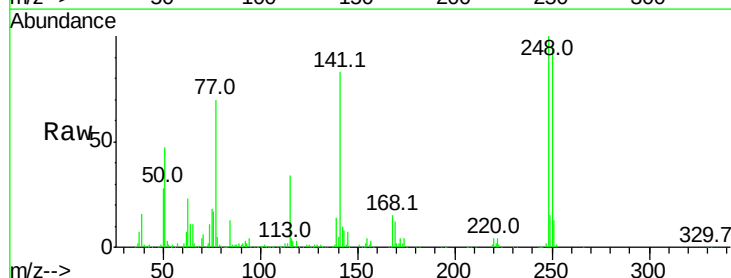
Tgt Ion:248 Resp: 318255

Ion Ratio Lower Upper

248 100

250 96.3 76.8 115.2

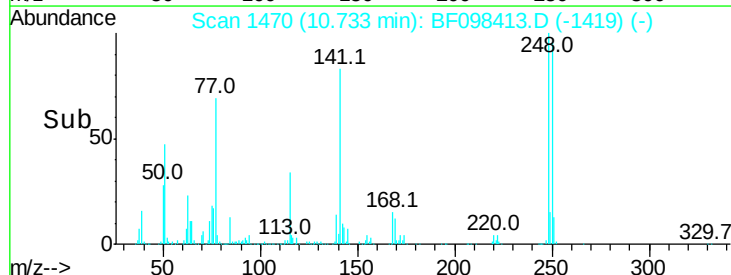
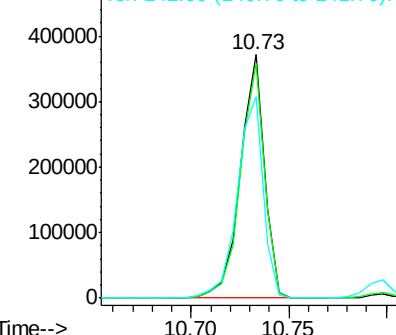
141 82.9 68.6 103.0

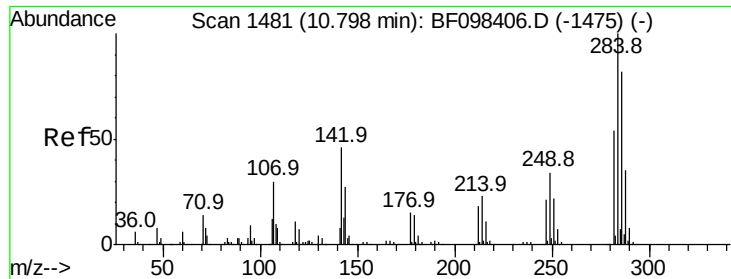


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





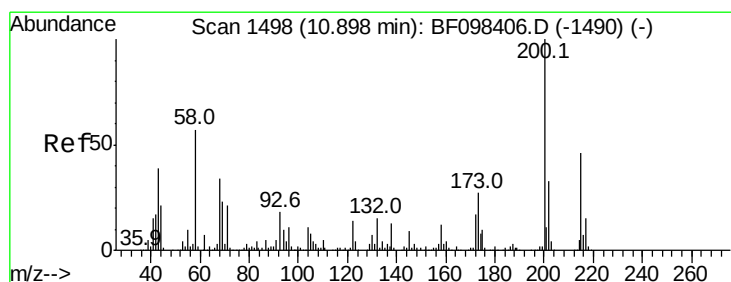
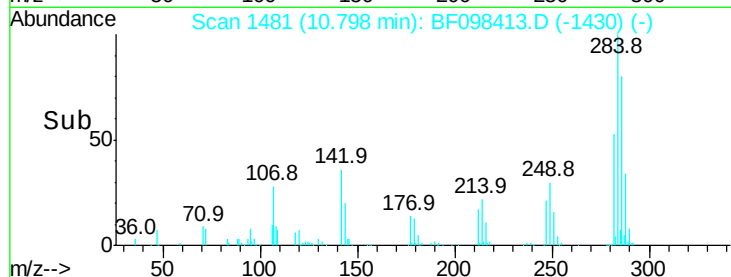
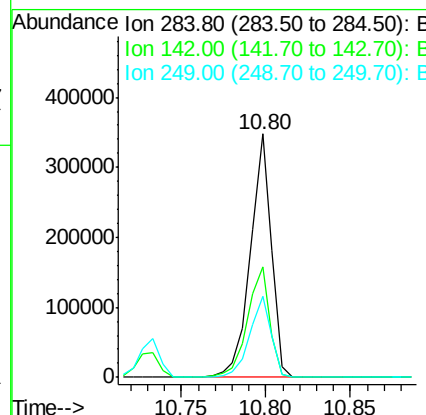
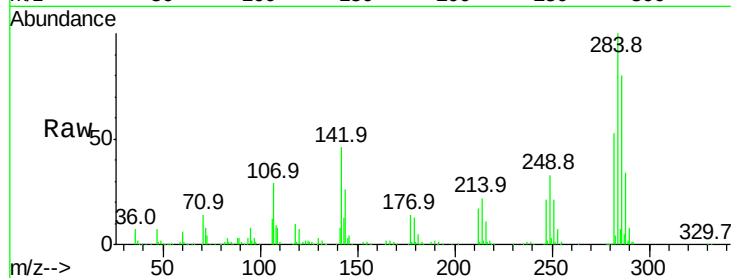
#67
Hexachlorobenzene
Concen: 41.874 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Instrument :
BNA_F
ClientSampleId :
PB102184BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	45.6	22.8	34.2	#
249	33.1	24.0	36.0	

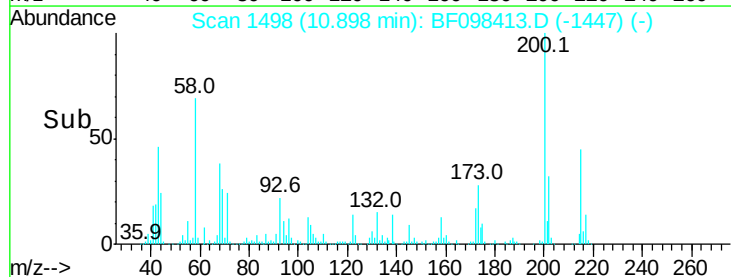
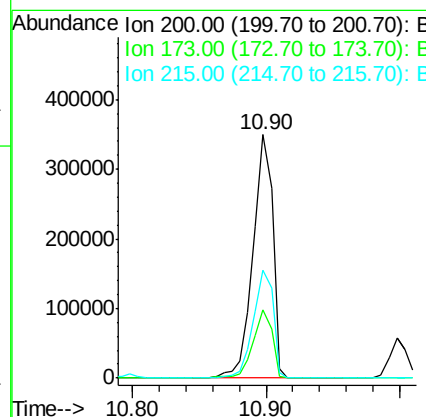
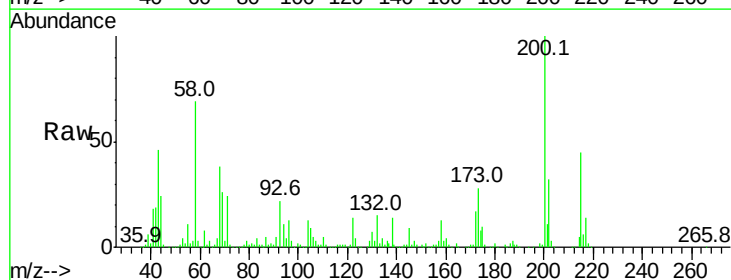
Manual Integrations
APPROVED

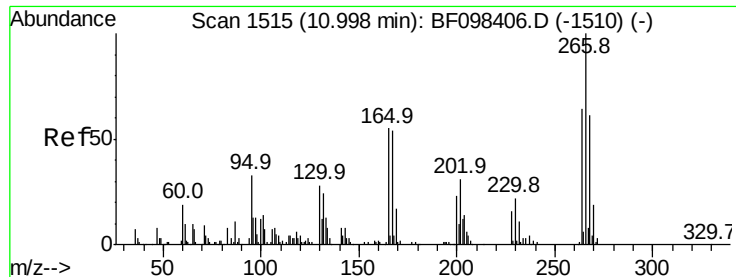
Sohil
9/12/2017 6:02:06 PM



#68
Atrazine
Concen: 46.800 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.1	6.3	46.3	
215	44.6	27.2	67.2	





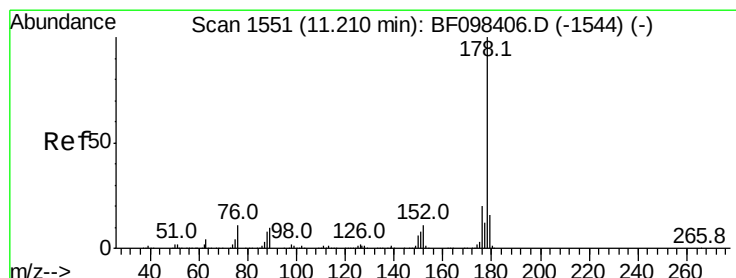
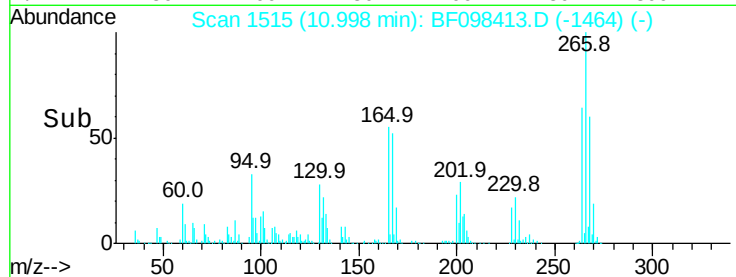
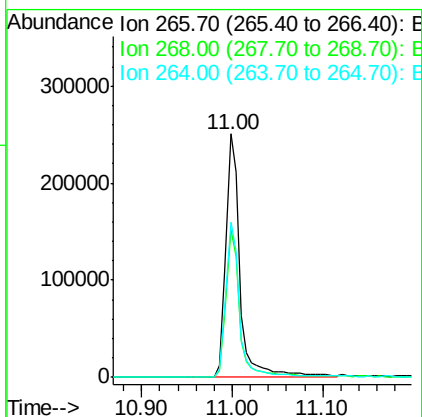
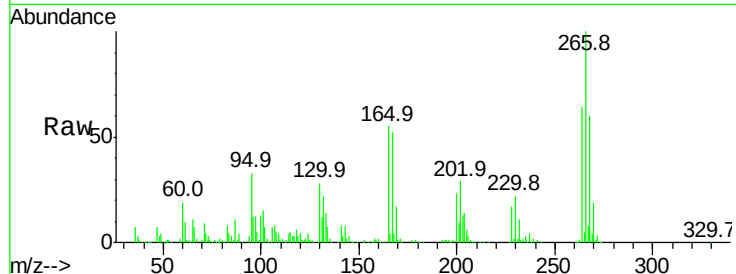
#69
 Pentachlorophenol
 Concen: 84.058 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB102184BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	270688		
268	60.4		51.1	76.7
264	63.6		51.7	77.5

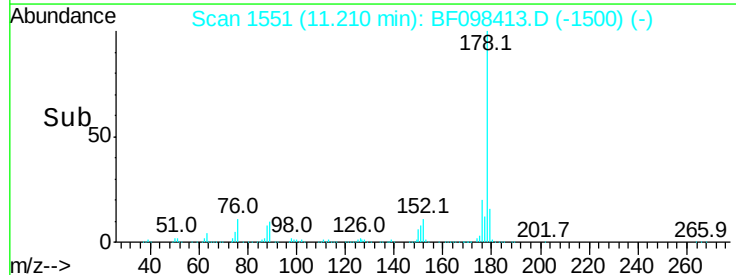
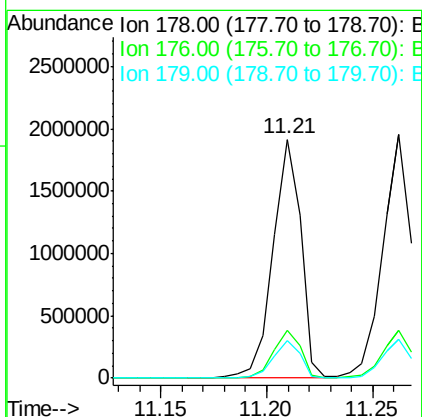
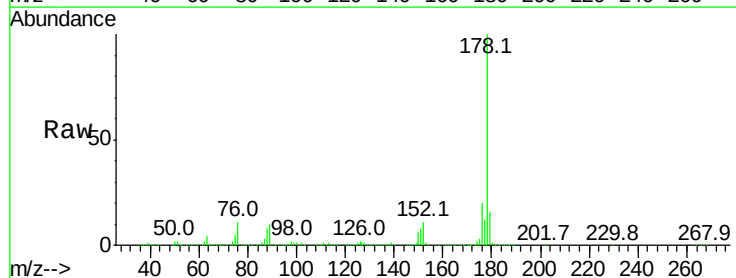
Manual Integrations
 APPROVED

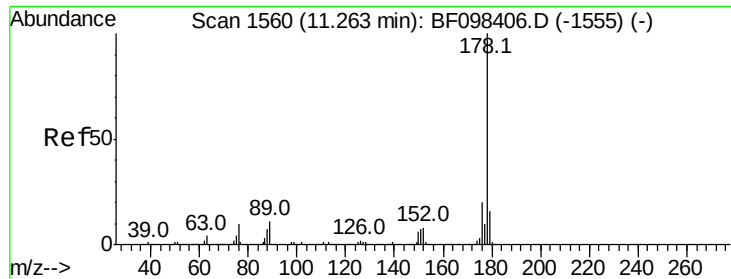
Sohil
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#70
 Phenanthrene
 Concen: 44.144 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1760307		
176	20.3		16.2	24.4
179	15.7		12.6	19.0





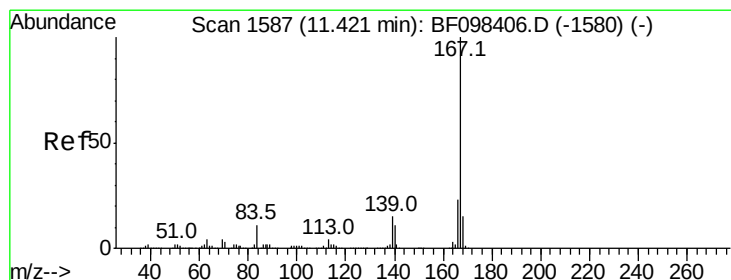
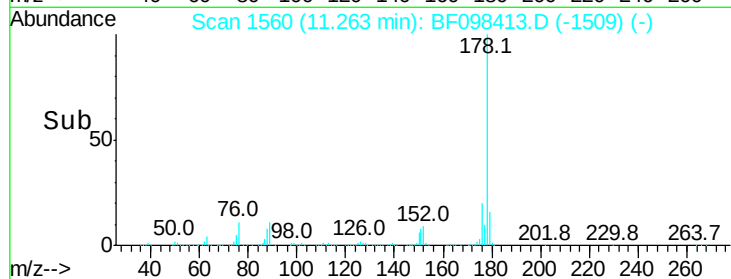
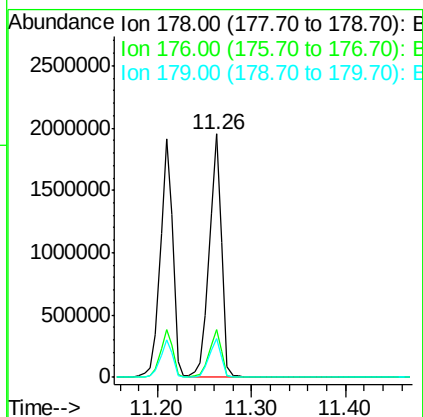
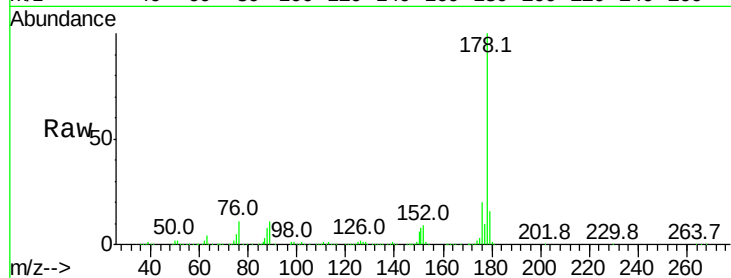
#71
 Anthracene
 Concen: 44.315 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Instrument :
 BNA_F
 ClientSampled :
 PB102184BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	16.1	12.7	19.1

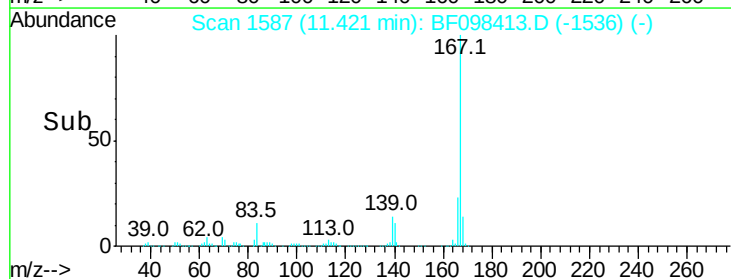
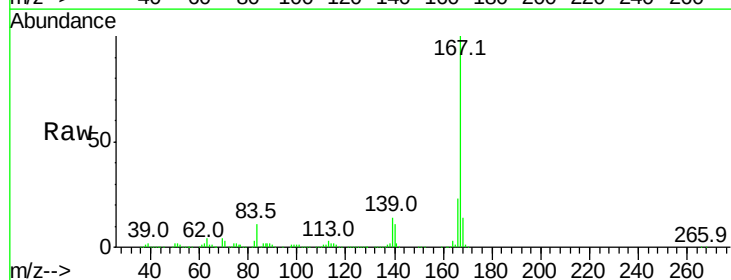
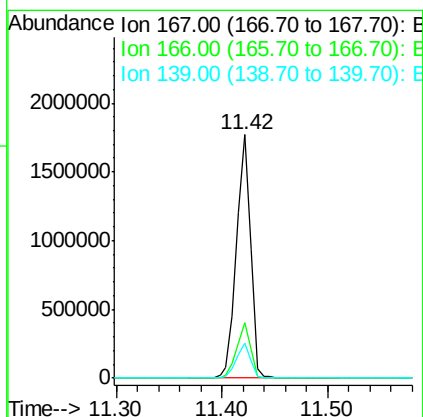
Manual Integrations
 APPROVED

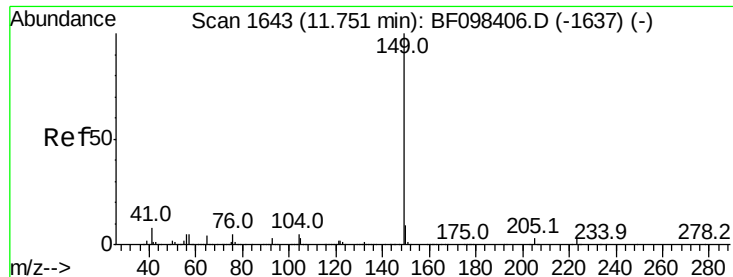
Sohil
 9/12/2017 6:02:06 PM



#72
 Carbazole
 Concen: 42.422 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.1	27.1
139	14.1	11.7	17.5





#73

Di-n-butylphthalate

Concen: 43.183 ng

RT: 11.75 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

Tot Ion:149 Resp: 1974167

Ion Ratio Lower Upper

149 100

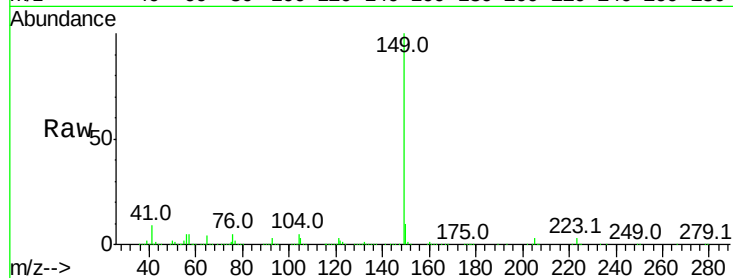
150 9.7 7.7 11.5

104 5.4 4.0 6.0

Manual Integrations
APPROVED

Sohil

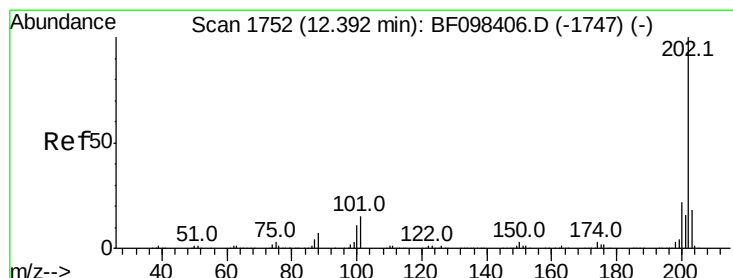
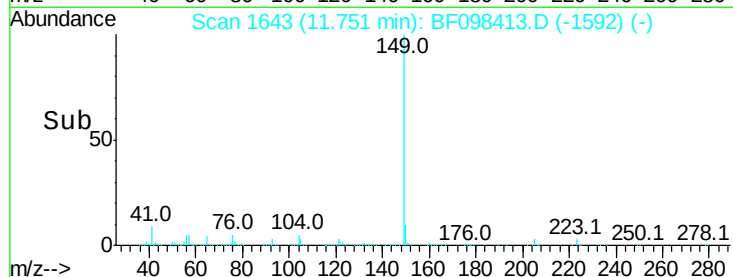
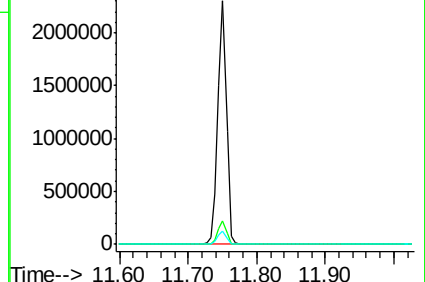
9/12/2017 6:02:06 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.549 ng

RT: 12.39 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

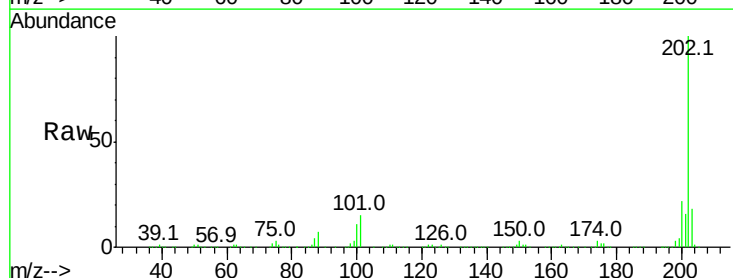
Tgt Ion:202 Resp: 1778396

Ion Ratio Lower Upper

202 100

101 14.9 0.0 33.2

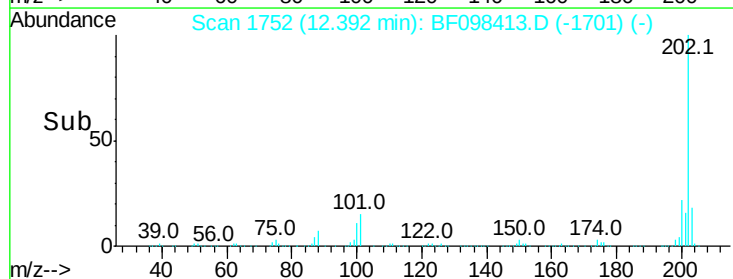
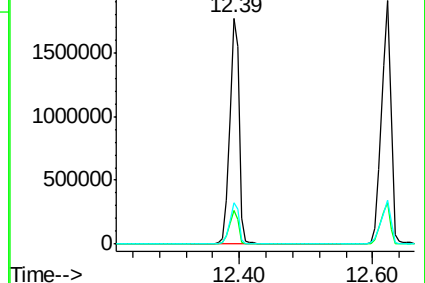
203 18.1 0.0 38.1

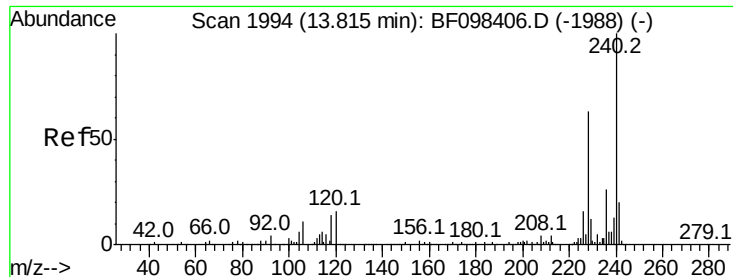


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

Tot Ion:240 Resp: 528088

Ion Ratio Lower Upper

240 100

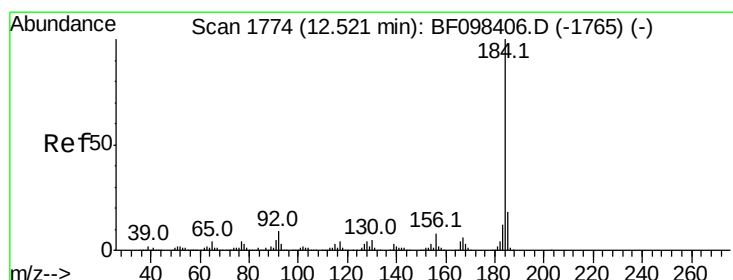
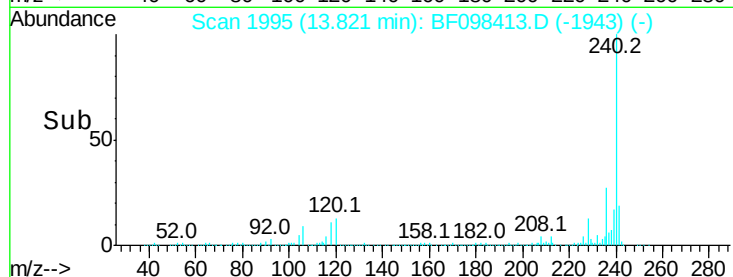
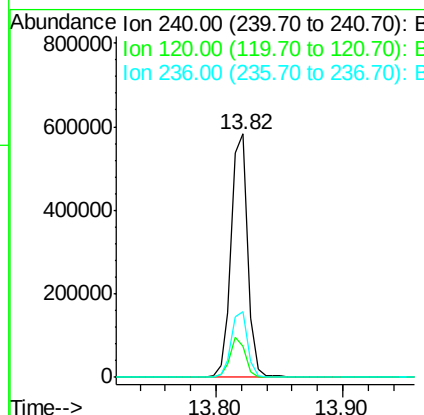
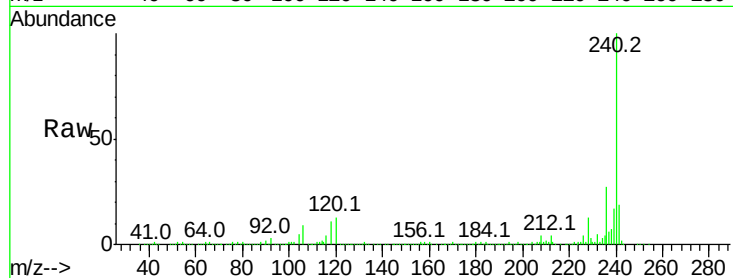
120 12.7 5.8 8.8#

236 26.9 20.5 30.7

Manual Integrations
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Sohil

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#76

Benzidine

Concen: 21.847 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

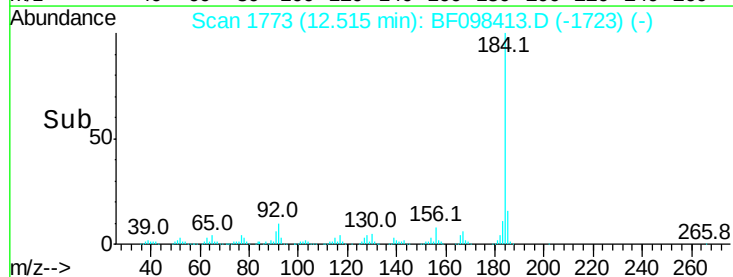
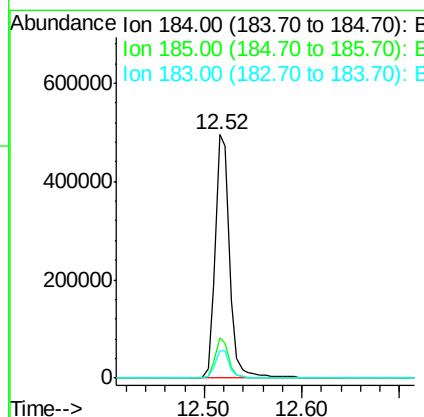
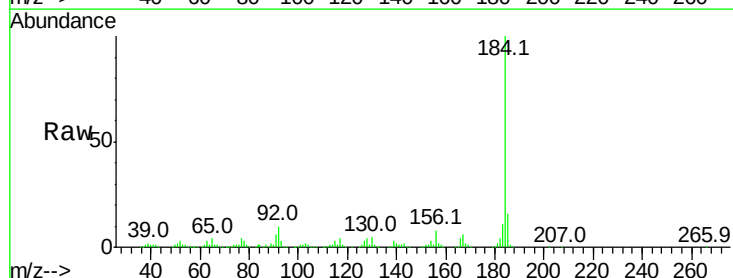
Tgt Ion:184 Resp: 510598

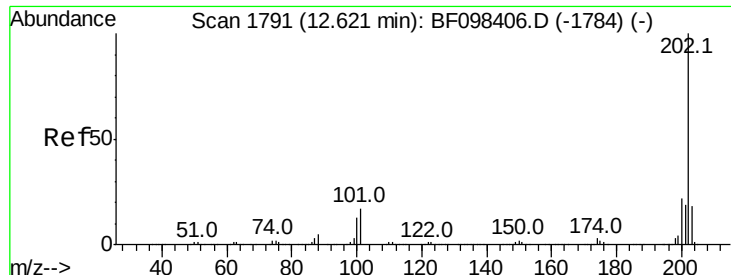
Ion Ratio Lower Upper

184 100

185 16.4 15.5 23.3

183 11.4 9.8 14.6





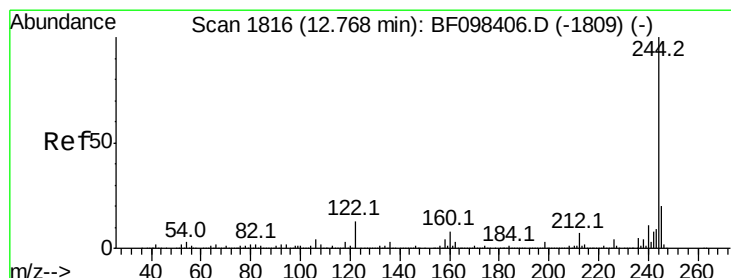
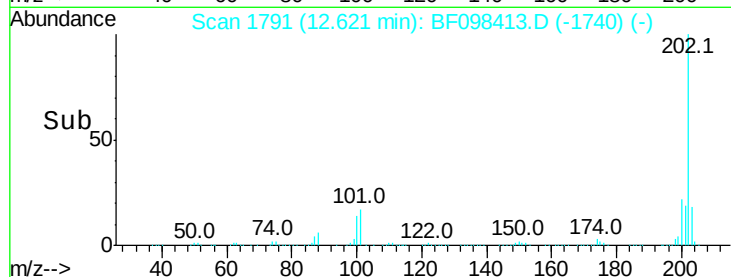
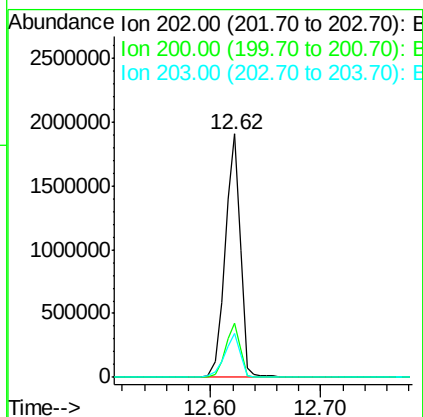
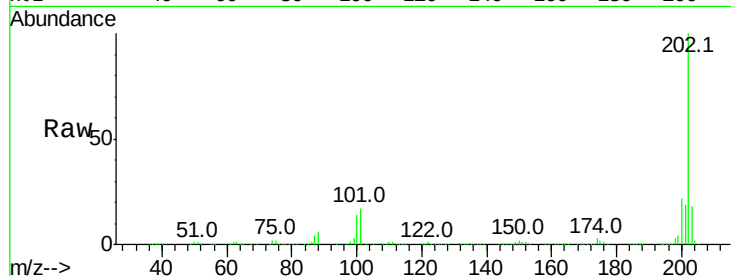
#77
 Pvrene
 Concen: 43.900 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB102184BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.6	26.4
203	18.1	14.4	21.6

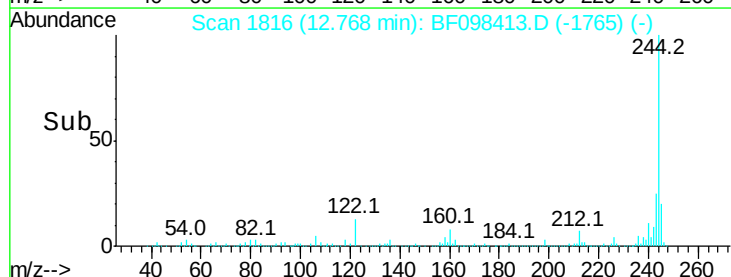
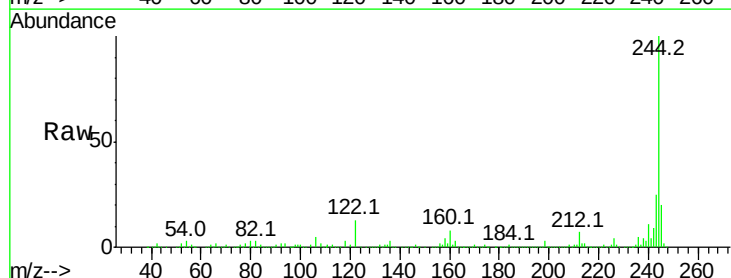
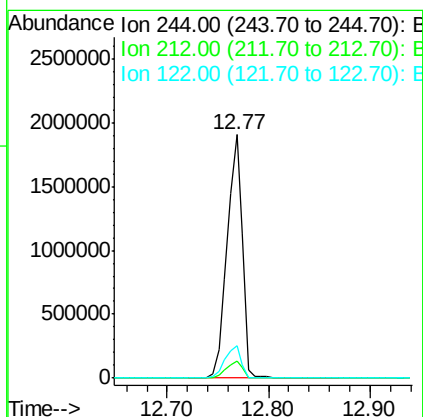
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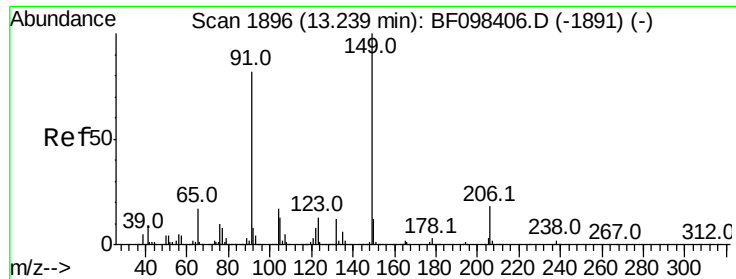
Sohil
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#78
 Terphenyl-d14
 Concen: 81.775 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.1	10.3	15.5





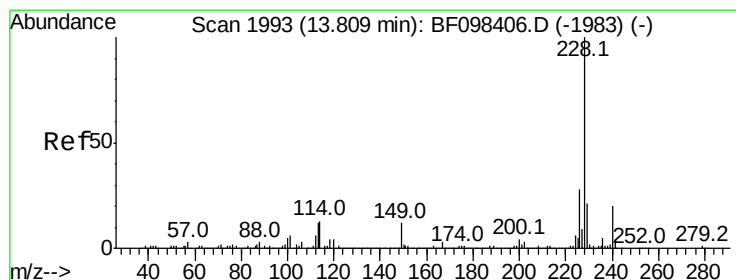
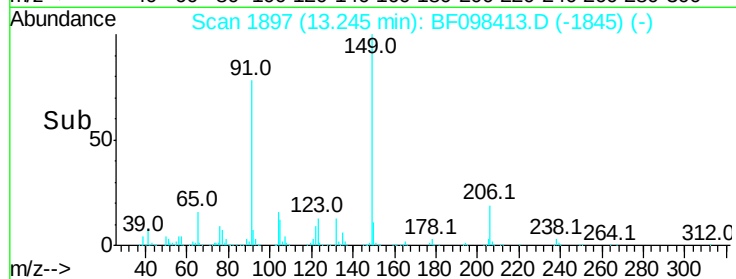
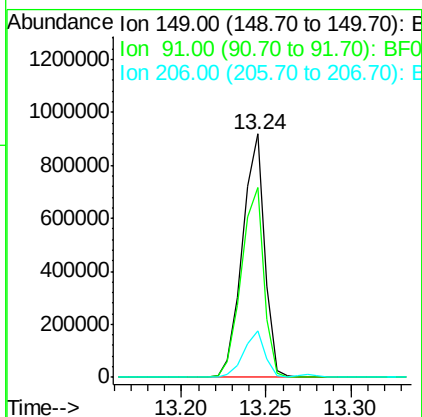
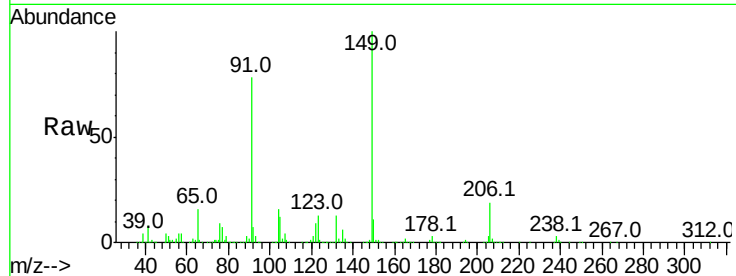
#79
Butylbenzylphthalate
Concen: 46.875 ng
RT: 13.24 min Scan# 1897
Delta R.T. 0.01 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Instrument :
BNA_F
ClientSampleId :
PB102184BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	847162		
91	78.1	45.0	67.4#	
206	18.9	17.0	25.6	

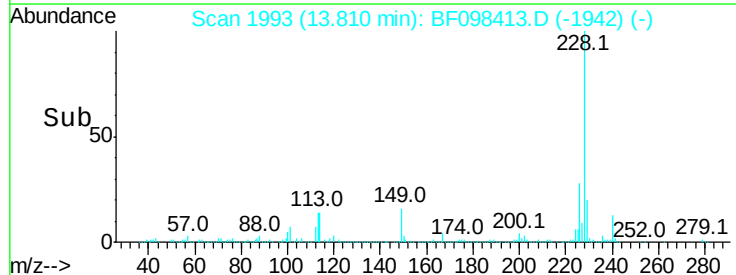
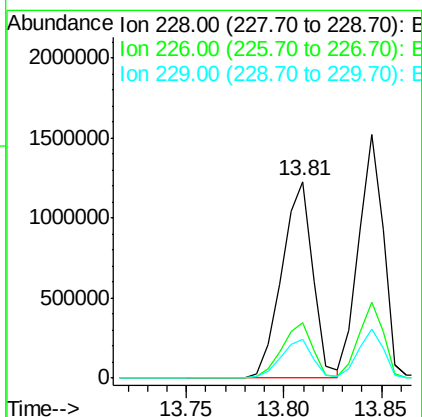
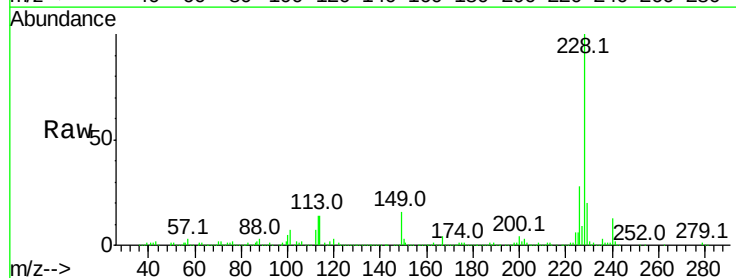
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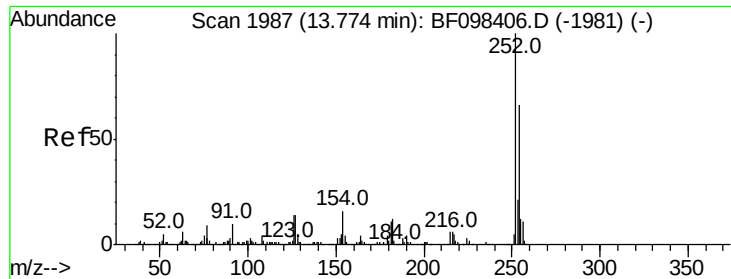
Sohil
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#80
Benzo(a)anthracene
Concen: 43.708 ng
RT: 13.81 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1353239		
226	28.1	22.6	33.8	
229	20.0	16.3	24.5	





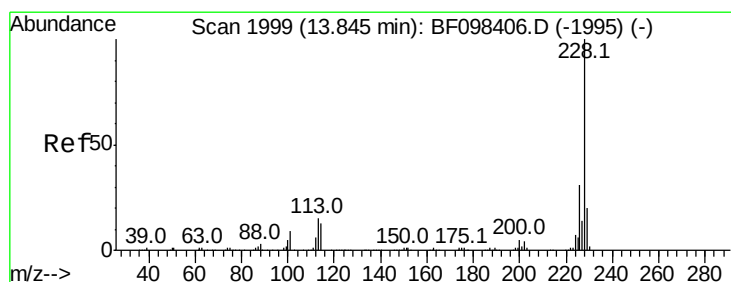
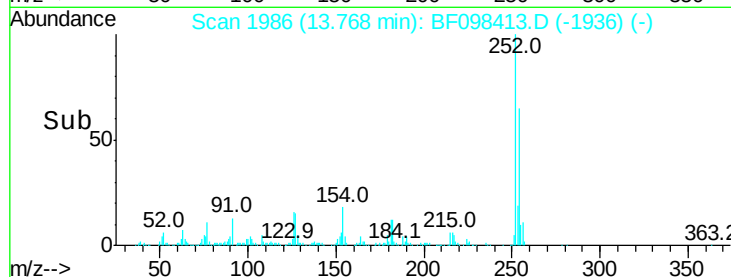
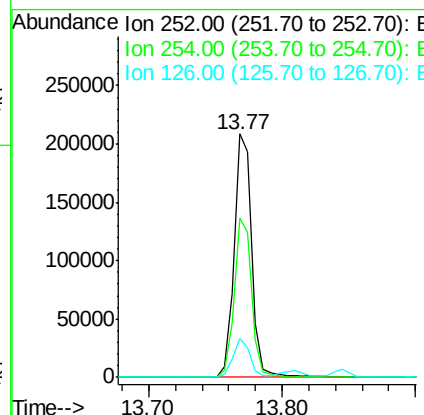
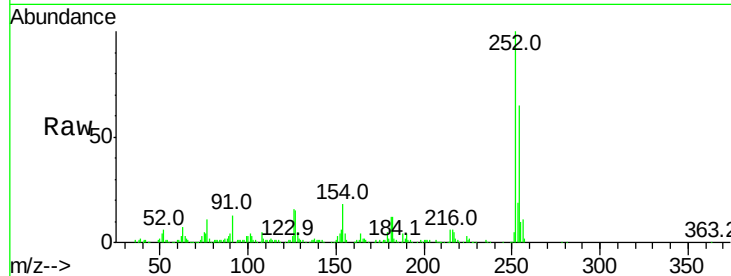
#81
 3,3'-Dichlorobenzidine
 Concen: 16.129 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Instrument :
 BNA_F
 ClientSampled :
 PB102184BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	194071		
254	65.4	51.5	77.3	
126	15.9	15.8	23.8	

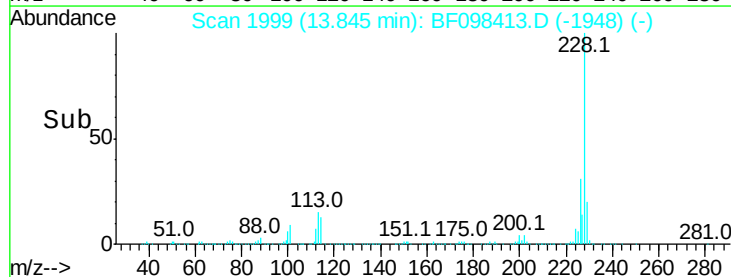
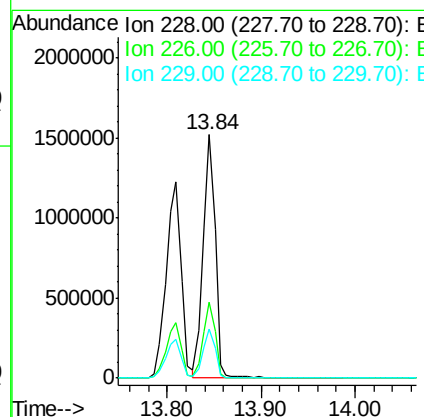
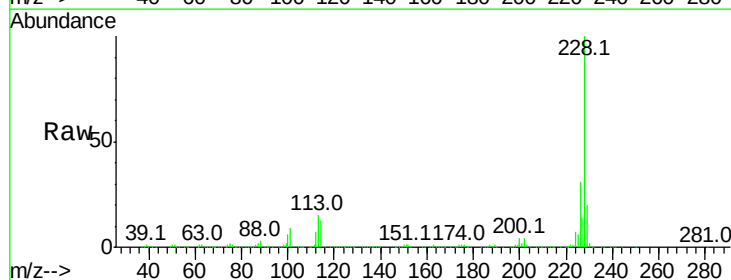
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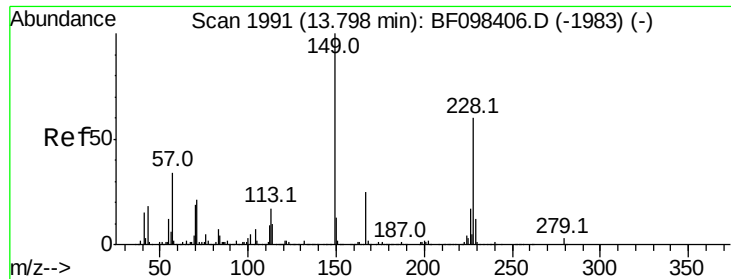
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#82
 Chrysene
 Concen: 43.622 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1365200		
226	31.2	24.9	37.3	
229	20.1	15.8	23.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.711 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

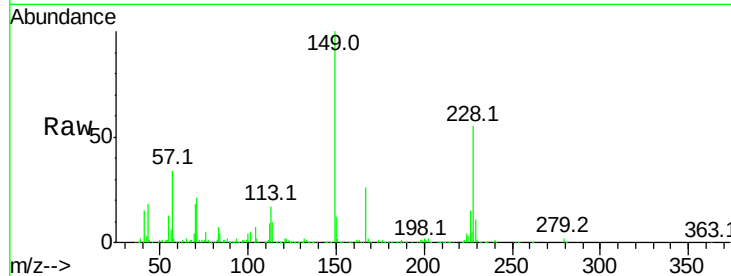
ClientSampleId :

PB102184BS

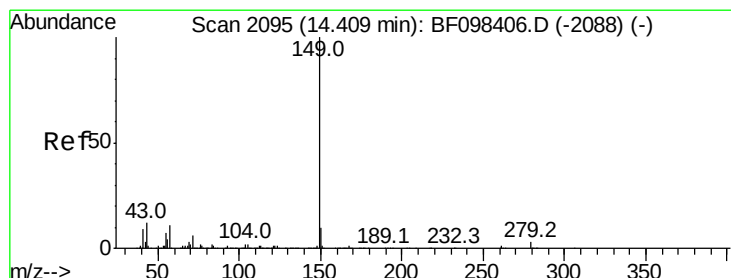
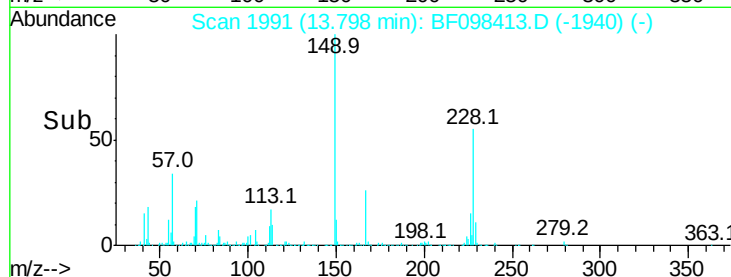
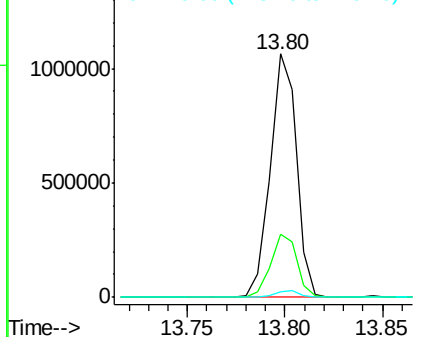
Tot Ion:	149	Resp:	991441
Ion Ratio	Lower	Upper	
149	100		
167	25.8	21.0	31.4
279	2.4	1.9	2.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.518 ng

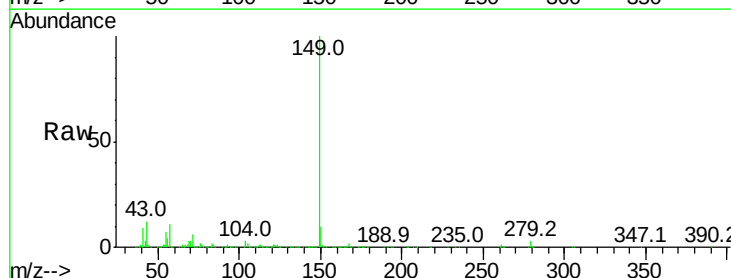
RT: 14.41 min Scan# 2095

Delta R.T. 0.00 min

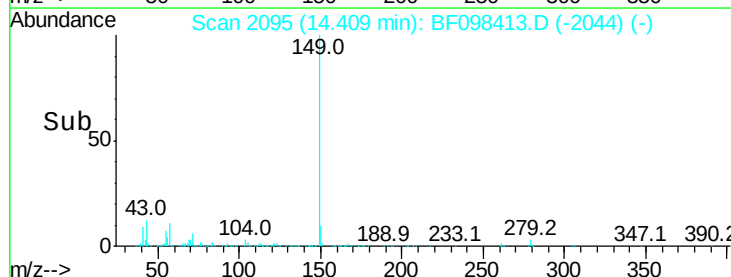
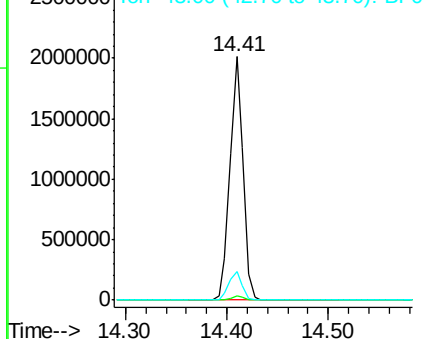
Lab File: BF098413.D

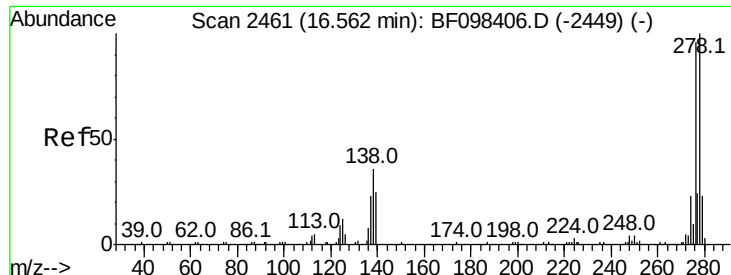
Acq: 11 Sep 2017 20:25

Tgt Ion:	149	Resp:	1810264
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.9	8.5	12.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





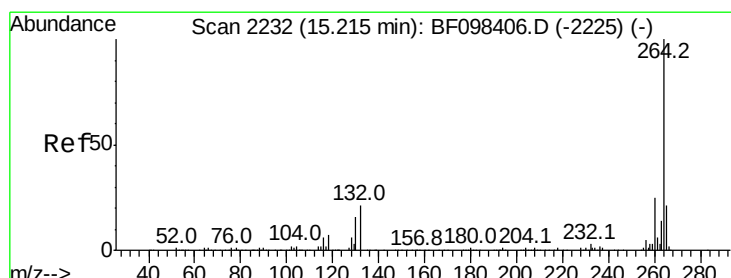
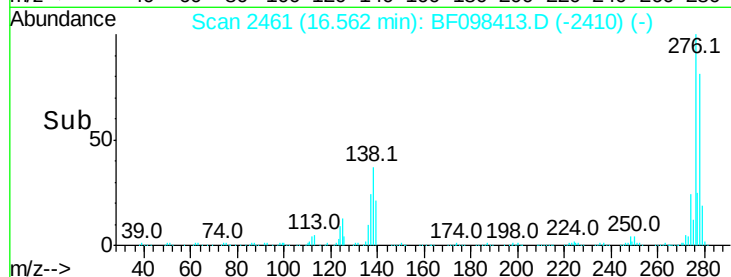
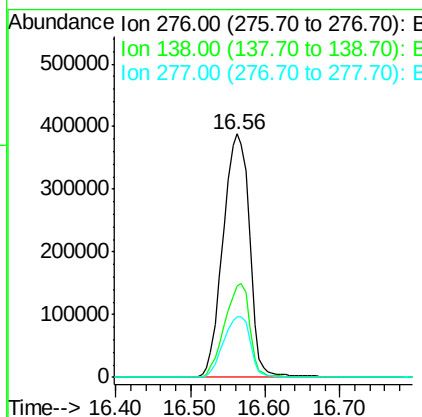
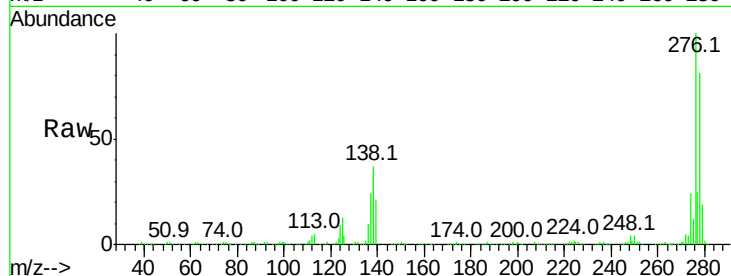
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.883 ng
 RT: 16.56 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Instrument :
 BNA_F
 ClientSampled :
 PB102184BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	963545		
138	36.7		27.8	41.6
277	25.2		20.2	30.4

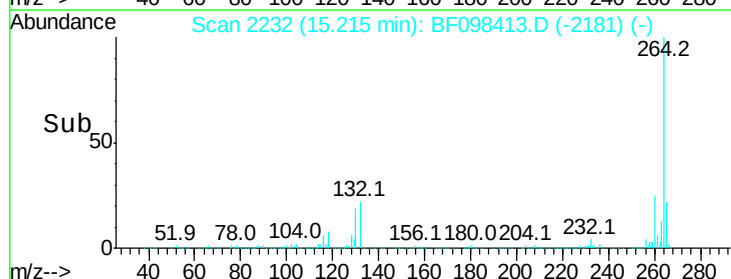
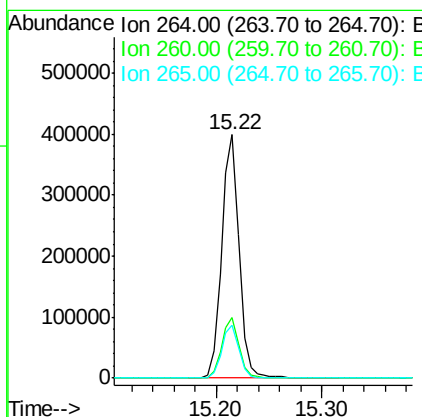
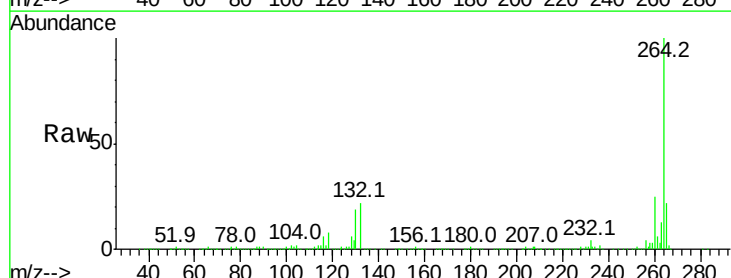
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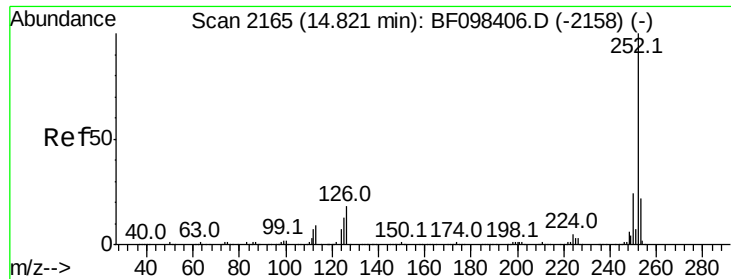
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2232
 Delta R.T. 0.00 min
 Lab File: BF098413.D
 Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	460330		
260	24.9		19.5	29.3
265	21.6		17.2	25.8





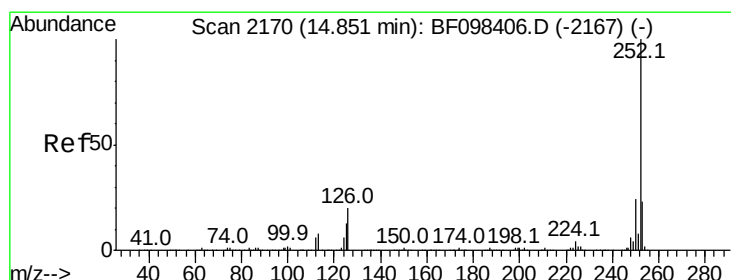
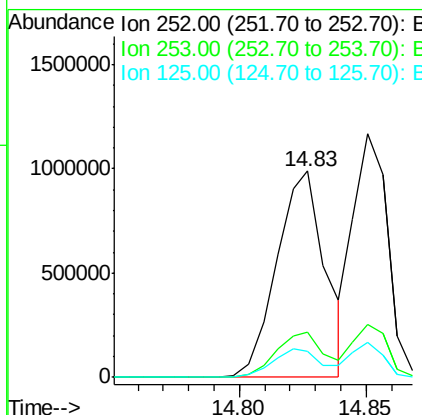
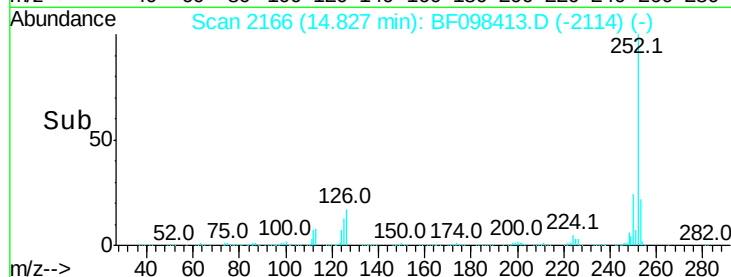
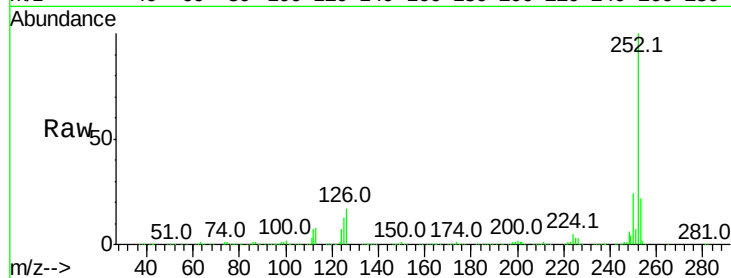
#87
Benzo(b)fluoranthene
Concen: 45.416 ng
RT: 14.83 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Instrument :
BNA_F
ClientSampleId :
PB102184BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	12.6	9.8	14.8

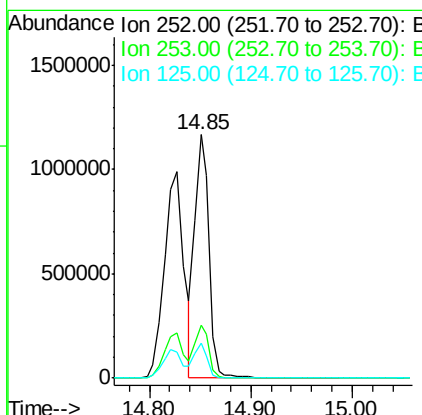
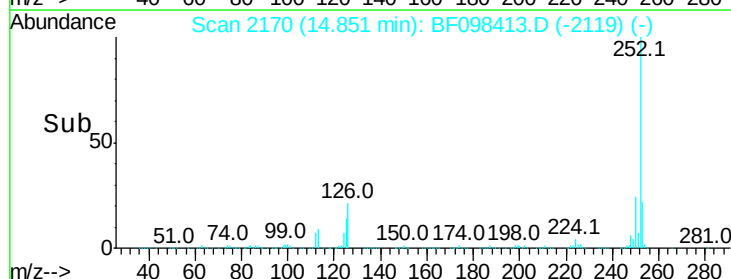
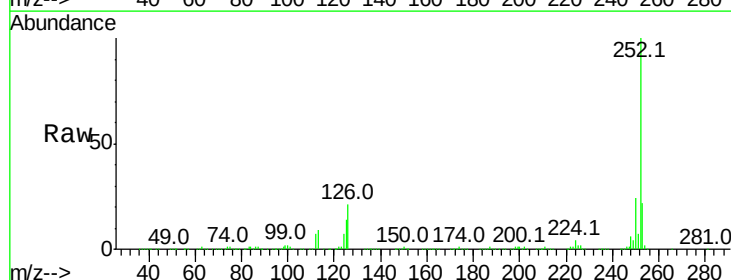
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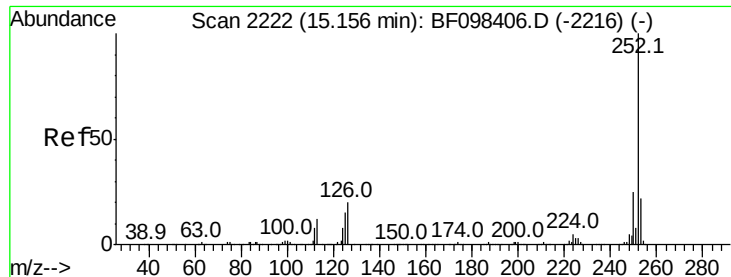
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#88
Benzo(k)fluoranthene
Concen: 41.777 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	14.3	13.1	19.7





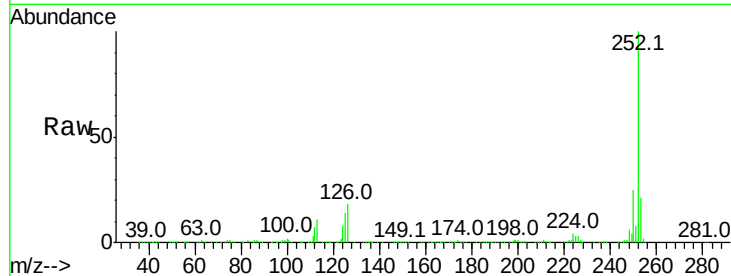
#89
Benzo(a)pyrene
Concen: 44.982 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Instrument :
BNA_F
ClientSampleId :
PB102184BS

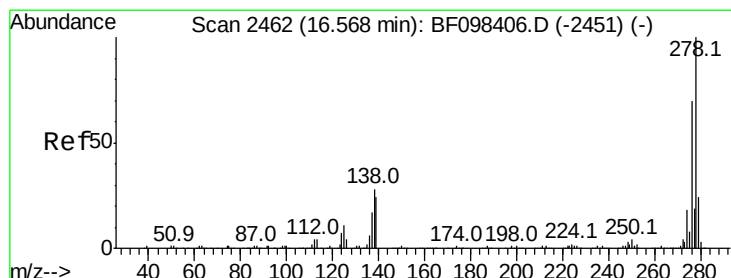
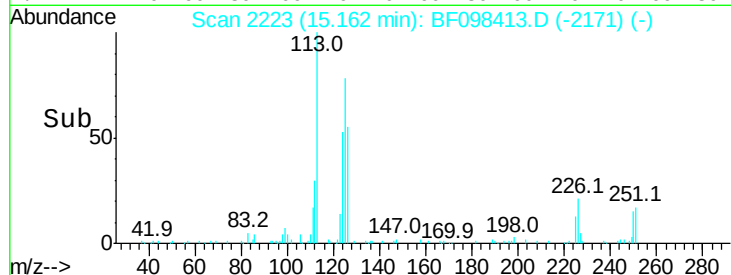
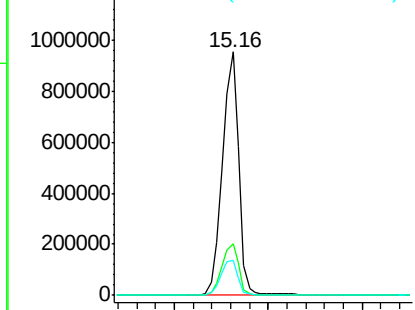
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	14.4	11.0	16.4

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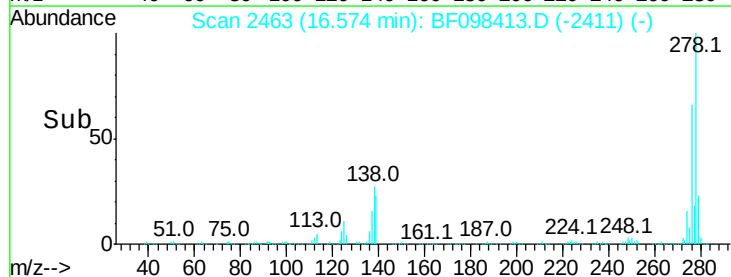
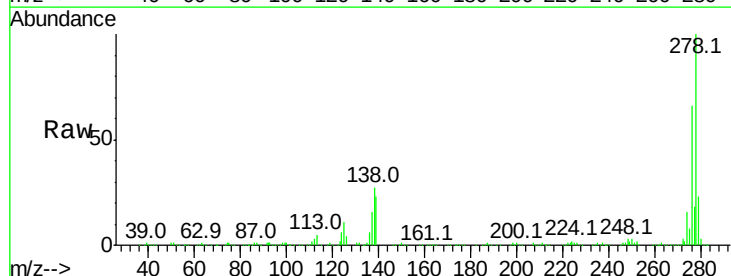
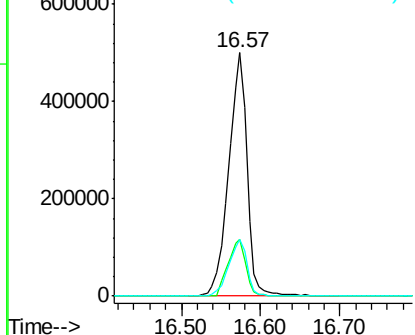
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

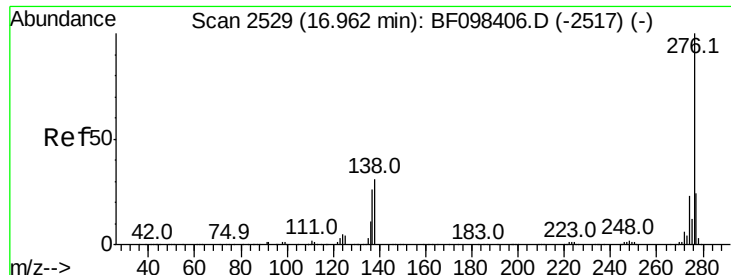


#90
Dibenzo(a,h)anthracene
Concen: 42.906 ng
RT: 16.57 min Scan# 2463
Delta R.T. 0.01 min
Lab File: BF098413.D
Acq: 11 Sep 2017 20:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.2	16.6	24.8
279	23.4	19.3	28.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.046 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.00 min

Lab File: BF098413.D

Acq: 11 Sep 2017 20:25

Instrument :

BNA_F

ClientSampleId :

PB102184BS

Tot Ion:	276	Resp:	793278
Ion Ratio		Lower	Upper
276	100		
277	23.7	18.6	28.0
138	31.5	25.4	38.0

Manual Integrations
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